

[Virtual Library] HP <http://www.space-library.com> ミルスペース 080210 アーカイブにアップ

Defense News 080204, 080128, AW&ST 080204, 080128, SJAC 航空と宇宙 08.02 アップ

[謝礼] 仏大使館より CNES MAG No.36 08.01 寄贈、感謝

[独断と偏見] 弾道ミサイル防衛技術の実証? と 宇宙軍事競争の再スタート

「China ASAT テスト」1周年を再び想い起こしてというような意味合いのことを書きましたが(ミルスペース 080118 の1ページ)、実際は年初から既に米の制御不能になったスパイ衛星の処置について議論がされていたようで、Technobahn 080127 の墜落予報記事(ミルスペース 080130 の1ページに掲載)の裏では、既に処置方法は決定されていたのでしよ

う。宇宙開発競争の歴史にからんで、米歴代大統領の決定をたどるのに Presidential Decisions: NSC(National Security Commission) Documents として declassified された 60 件ほどの文書(*1)を眺めてみるのも興味が湧きますね。今回のニュースも事前に知らされた事もあって膨大な量になったようです。

(*1) 文書内の一部分は黒く塗りつぶして未だ classified 状態。ご関心のある方は米国から送料を含め\$40.9 で入手できます。

平和な年になるかと期待した下名誕生日に発行された Economist 080117 の記事(*2)も今後の方向性に対する一見解を示したものと捉えても良いのかもしれませんが。

(*2) ミルスペース 080130 のページ 46/47 に掲載 Disharmony In The Sphere(天球の不調和), ('天空の騒乱のタイトル'で DRC 玉真専任研究委員の訳あり)

2008 年 2 月分 vol.1 DSPACE Kimiyo Hayashi

NASA も欲しがる「きぼう」プロマネの自作模型。



http://www.mitsubishielectric.co.jp/dspace/column/c0802_1.html

Feb. 20, 2008 American Forces Press Service

米海軍は故障した衛星を太平洋上で迎撃

Navy Missile Hits Decaying Satellite Over Pacific Ocean

WASHINGTON, Feb. 20, 2008 A network of land-, air-, sea- and spaced-based sensors confirms that the U.S. military intercepted a non-functioning National Reconnaissance Office satellite which was in its final orbits before entering the earth's atmosphere, defense officials announced in a press release.

(Video) (*)

At approximately 10:26 p.m. EST today, a U.S. Navy AEGIS warship, the USS Lake Erie (CG-70), fired a single modified tactical Standard Missile-3 (SM-3) hitting the satellite approximately 153 miles (133 nautical miles) over the Pacific Ocean as it traveled in space at more than 17,000 mph. USS

Decatur (DDG-73) and USS Russell (DDG-59) were also part of the task force.

The objective was to rupture the fuel tank to dissipate the approximately 1,000 pounds (453 kg) of hydrazine, a hazardous fuel which could pose a danger to people on earth, before it entered into earth's atmosphere. Confirmation that the fuel tank has been fragmented should be available within 24 hours.

Due to the relatively low altitude of the satellite at the time of the engagement, debris will begin to re-enter the earth's atmosphere immediately. Nearly all of the debris will burn up on reentry within 24-48 hours and the remaining debris should

re-enter within 40 days.

DoD will conduct a press briefing at 7 a.m. EST to provide further information related to the operation. The briefing can be viewed live on www.Defenselink.com through the Pentagon

<http://www.defenselink.mil/news/newsarticle.aspx?id=49024>

Related Sites:

フォトエッセイ: 衛星迎撃 Photo Essay: Satellite Shoot Down



Vice Chairman of the Joint Chiefs of Staff U.S. Marine Gen. James E. Cartwright (left), and Deputy Defense Secretary Gordon England

<http://www.defenselink.mil/PhotoEssays/PhotoEssaySS.aspx?ID=592>

2008/2/21 14:44 [Technobahn]

米国防総省、スパイ衛星の迎撃に成功

米国防省は米東部標準時で 20 日の午後 10 時 26 分、ハワイ沖の海上に待機中の米海軍イージス艦「レイク・エリエ(USS Lake Erie)」から発射された SM-3 ミサイルを使って制御不能に陥ったスパイ衛星「NROL-21/USA-193」の迎撃に成功したことを発表。米国防省は有害物質となる液体燃料のヒドラジンが詰まった燃料タンク破壊を確認したとも述べており、懸念材料は完全に払拭された模様。SM-3 ミサイルによる迎撃が成功したことを受けて、スパイ衛星は大小、数百個の破片(デブリ)に粉碎。デブリが軌道上に留まった場合には今後の宇宙開発に影響を及ぼすことになるが、今回、迎撃に成功した軌道は高度 240 キロ前後と衛星軌道としては非常に低いことから、デブリの過半数は 24 ~ 48 時間以内に大気圏に再突入し地上までに届くことなしに完全燃焼してしまうと見られている。米国防省では今回の衛星迎撃計画で用いたミサイル 1 機の費用は約 1000 万ドル(約 11 億円)で予算総

<http://www.technobahn.com/news/2008/200802211444.html>

Channel.

[編注] (*)迎撃のビデオもあります。

額は約 3000 万ドル(33 億円)に達したと説明している。



米国防総省、20日予定のスパイ衛星迎撃は天候不順のため延期の見通し

米国防総省は20日、迎撃ミサイル発射が予定されているハワイ沖の天候不順を理由に同日予定されていたスパイ衛星迎撃のミサイル発射を延期する可能性を明らかに。米国防総省担当者はスパイ衛星迎撃の迎撃ポイントとなる米海軍イージス艦「レイク・エリエ」が停泊しているハワイ沖北太平洋上が時化(しけ)模様であることを明らかにした上で、現天候状態が続いた場合は20日夜予定していた迎撃ミサイル発射はできないと述べた。国防総省の同担当者はまた、このスパイ衛星は29日にも地球大気圏再突入見通しも明らかにした上で、迎撃決

<http://www.technobahn.com/news/2008/200802210402.html>

断は遅くとも29日までに行わなければならないとも述べた。



2月20日 12時0分配信 WIRED VISION

撃破されたスパイ衛星の破片はカナダ上空へ？ ハワイ付近上空で撃破を計画



たぶんもうご存じだろうが、米軍は制御不能になったスパイ衛星のミサイルによる撃破を、米国東部標準時2月20日の午後10時30分ごろ(グリニッジ標準時では21日午前3時30分ごろ)、衛星が大気圏に突入する前に実施する計画。これは月食の真っ最中にあたるため、衛星を追跡しやすい。衛星観測マニアたちは、海軍巡洋艦がどこでミサイルを発射し、撃破後に広がった破片がどこに向かうと考えられるかを割出した(上画像)。赤線は衛星軌道を表している。青線で囲まれたピンクの領域は、米軍が公式警告した海空の「立入禁止区域」(米軍はその24時間後、1発目の撃破失敗に備え、ほぼ同区域を立入禁止にしている)。黄色い点々はハワイ諸島。これを見てわかるように、海軍は衛星を太平洋上空で撃破する計画。これは予想外のことはない。(問題の衛星「USA-193」と国際宇宙ステーション(ISS)の通過経路に関するアニメ画像はこちら)。それよりも驚かされるのは、衛星観測ベテランであるAT氏が述べている、雲のように広がった破片の行方だ。「大変驚いたことに、撃破は衛星が北向きパス(通過経路)で行なわれるため、破片の雲は数分後カナダ中央部を横断する。その後、アフリカ西部と豪州東部を横断する」。次図が撃破後の経路を示している。



更新情報:旧ソ連およびロシアの宇宙関連情報を中心に扱うサイト『Zarya』は、この衛星『USA-193』を処理する選択肢は他にもあったと指摘している。「迎撃はUSA-193がこの領域上空を南に向かうパスに設定することもできた」。これは米東部標準時で21日午前7時55分ごろ(グリニッジ標準時では午後12時55分ごろ)になる。この場合、少なくとも最初のパスでは、破片は人口の多い地域を通らないですむように見える(下画像)。



しかし、「南向きパス選択の場合、不都合な点もいくつかある」と Zarya は書いている。「迎撃は地球上の影の中で行なわれるので、撃墜までの視覚追跡は不可能。また、2回目以降のパスは、人口が著しく集中する地域上空を通過する」。この中には「アフリカ、中東、ロシア南部そ

の他の南アジア、中国、欧州といった人口密集地域」が含まれる。

<http://headlines.yahoo.co.jp/hl?a=20080220-00000001-wvn-sci>

<http://wiredvision.jp/news/200802/2008022021.html>

原文: <http://blog.wired.com/defense/2008/02/sat-shoot-down.html>

2月20日 11時9分 配信 読売新聞

制御不能の米衛星、20日にも撃墜へ...ハワイ沖で退避警告

【ワシントン = 増満浩志】米CNNテレビは19日、地球に落下する恐れが高まり、米国防総省が破壊を決定した偵察衛星「L-21」について、米海軍が20日にも海上発射型迎撃ミサイル「SM3」によって撃墜方針と報じた。これに関し、米政府は、ハワイ西方の広い海域で、現地時間の午後4時半(日本時間21日午前11時半)から2時間

<http://headlines.yahoo.co.jp/hl?a=20080220-00000018-yom-int>

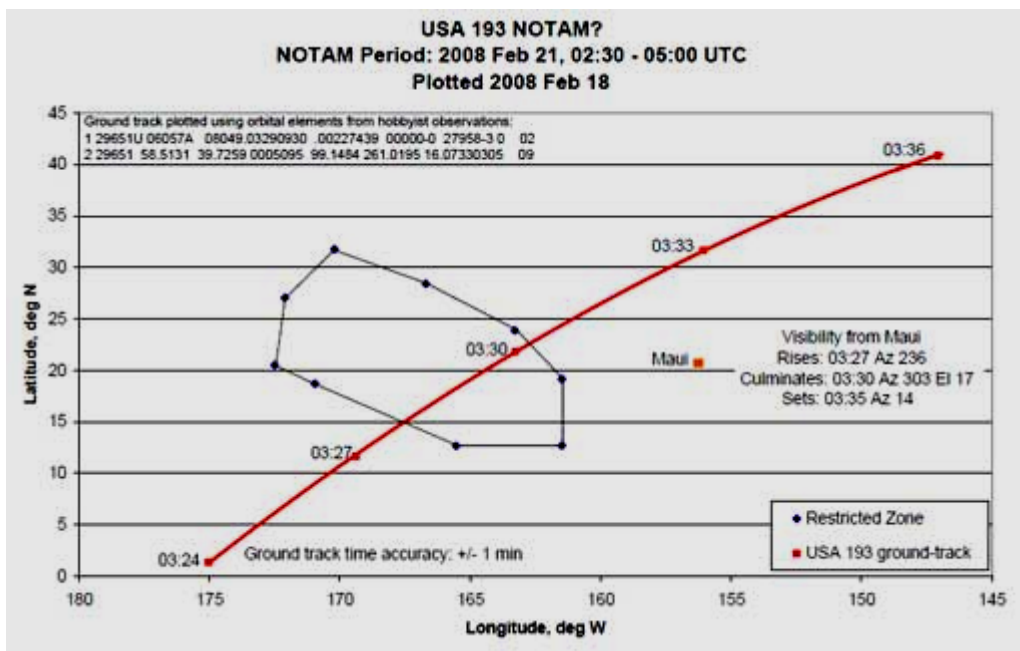
半、船舶や航空機に退避するよう警告している。標的偵察衛星は、2006年末に打上げられた直後、交信不能に陥った。推進剤として有毒なヒドラジン約500キロを満載、米政府はそのタンク破壊を目指している。撃墜可能期間は20日から約5日間。米軍は、1発目の成否を1~2日かけて解析し、失敗判明した場合は2発目発射を検討する。

2008/2/19 15:54 [Technobahn]

米国によるスパイ衛星迎撃、ハワイ沖の海上から21日に実施の見通し

米による自国スパイ衛星「NROL-21/USA-193」迎撃は、ハワイ沖の海上からグリニッジ標準時で21日午前3時30分前後に実施される可能性が高まってきた。米空軍が21日にハワイ沖での航空機の飛行禁止通達に加え、NROL-21が21日午前3時30分前後にハワイ上空を飛行することが21日撃墜実施説の根拠。米政府では今のとこ

ろ、スパイ衛星迎撃はスペースシャトルが帰還した20日以降に実施する予定としか発表を行っていないが、今週に入ってからスパイ衛星は肉眼でも確認できる程、低軌道を飛行する状況となっており、外国政府が地上からの光学観測による衛星情報を収集する前にできるだけ早期に撃墜するだろう、との見方が広がっている。



画像はアマチュア衛星ウォッチャ作成 NROL-21 軌道プロット図。

<http://www.technobahn.com/news/2008/200802191554.html>

Feb. 19, 2008 abcNEWS

スパイ衛星を狙う

Taking Aim at the Spy Satellite For Navy and NASA, What Goes Up Must Come Down

By GINA SUNSERI, LUIS MARTINEZ and NED POTTER

As soon as the space shuttle Atlantis is safely out of the way, the Navy will take aim this week at a crippled satellite that is

hurtling toward Earth..If a missile launched by the Navy succeeds in taking out the bus-sized satellite as streaks across the sky 150 miles up, it will be one of the longest shots ever.(後略)



<http://www.abcnews.go.com/Technology/story?id=4310370&page=1>

[編注] シミュレーション動画あり。 Page2, 3 もあり。

2008/2/15 10:29 [Technobahn]

米国防総省、墜落の可能性が高まったスパイ衛星の撃墜を検討

米国防総省が制御不能に陥り、近く地球大気圏に再突入落下して行く可能性が高まっている米政府スパイ衛星「NROL-21/USA-193」をミサイルを使って撃墜することを検討していることが 14 日、米政府高官発言により明らかとなった。「NROL-21/USA-193」は今のところ、3月2日～8日の週に地球大気圏に再突入する見通しとなっており、米国防総省ではそれまでにミサイル撃墜を実施するか、可否を決めるとしている。この政府高官は撃墜方法詳細は明らかにしなかったが、撃墜実施と決定された場合は海軍艦船を用いると述べていることから、撃墜は、宇宙空間を慣性飛行中弾道ミサイルを破壊する目的で開発が進

<http://www.technobahn.com/news/2008/200802151029.html>

められているイージス弾道ミサイル迎撃 (Aegis Ballistic Missile Defense) システムが利用される可能性がでている。イージス弾道ミサイル迎撃システムの場合、高度 100 キロ宇宙空間を慣性飛行中の物体を艦船から発射された SM-3 迎撃ミサイル搭載キネティック弾頭を使って破壊することが可能。ただし、撃墜高度が高い場合は衛星破壊の過程によって飛散する衛星破片(デブリ)によって軌道汚染される可能性があり、また、反対に軌道が低い場合には衛星搭載ヒドラジンなどの有害物質が大気圏内に拡散してしまう可能性もあり、撃墜には撃墜高度設定が焦点となってくる。

2008年2月19日 人民網日本語版

中国の宇宙開発が打上げラッシュ 08年

中国は今年「神舟7号」を始め、過去最多となる10数機の宇宙船や人工衛星を打上げる。神舟7号では宇宙飛行士による船外活動の重大なコア技術を手中に収め、今後の宇宙船のランデブーとドッキング、宇宙ステーション建設に向けた技術基盤を確立する。中国宇宙技術研究院の楊保華院長が18日の「第2回中国宇宙技術フォーラム」で明らかにした。

中国は今年、神舟7号のほか、「環境1号A星・B星」、気象衛星「風雲2号」、ベネズエラの通信衛星など10数機を打上げる。環境1号A星・B星は09年打上げ予定のC星と共に、中国初の環境・災害観測小型衛星コンステレーションを構成し、全国の環境・災害状況に対する広域的・全天候型・24時間体制の動的観測と予報を行う。

http://j.peopledaily.com.cn/2008/02/19/jp20080219_84023.html

中国は今後5～10年で、多機能・多軌道、多種の衛星システムで構成される宇宙インフラを整備し、地上設備と共に、完備した、連続性のある、長期安定運営の可能な天地一体型のネットワークシステムを形成する。このほか、有人宇宙飛行の第2期計画として、短期間宇宙飛行士が滞在でき、長期間軌道上を自動航行するスペースラボを建設し、有人宇宙飛行の後続活動を行う。さらに月探査の第2期計画として、月面への軟着陸と自動巡回探査を実現、第3期計画に向けた研究を行う。(編集 NA)

2008/2/18 22:47 [Technobahn]

北朝鮮に対する最終手段、グアム島に向かう米空軍のB-2ステルス爆撃機

画像は今月12日、グアム島のアンダーセン空軍基地に向かう途中で

ハワイのヒッカム空軍基地に立寄った米空軍のB-2ステルス爆撃機。

米空軍太平洋方面軍 (Pacific Command) は昨年 10 月、ミズーリ州のホワイトマン空軍基地所属の B-2 ステルス爆撃機の部隊をグアム島のアンダーセン空軍基地に転属させることを決定。この決定に従い、将兵 280 名から構成される B-2 ステルス爆撃機の部隊の移動が進められていた。米政府は北朝鮮が核施設を無力化することを条件に北朝鮮をテロ支援国家の指定解除する用意があることを提示。今年に入ってからはこの約束に従い、北朝鮮核施設無力化に向けた周辺諸国による努力が続けられているが、北朝鮮が核施設無力化の約束を反故にした場合に備え、米はいつでも北朝鮮を爆撃する能力があるというこ

<http://www.technobahn.com/news/2008/200802182247.html>

2008/2/17 17:00 [Technobahn]

日米両国を挑発、ロシア空軍の Tu-95 戦略爆撃機

米国防総省は 15 日、今月 9 日午前に起きた口空軍爆撃機による米空母ニミッツへの威嚇飛行及び、日本領空侵犯の際に撮影された口空軍 Tu-95 戦略爆撃機の画像を公開した。米国防総省によるとこの Tu-95 戦略爆撃機が、西太平洋を日本に向けて航行中の空母ニミッツに接近を試みたことからニミッツは艦載機 F/A-18 戦闘機 4 機を緊急発進。Tu-95 戦略爆撃機はそのまま、緊急発進した F/A-18 戦闘機にも怯む事なしにニミッツ上空を約 600 メートルの超低空で飛行し、そのまま南下していったとしている。米国防総省では、同日、Tu-95 戦略爆撃機は 4 機編隊で日本に接近し、その内 2 機は東京・伊豆諸島の南部を領空侵犯するなどの挑発行為を行った後、南下。残りの 2 機は日本に向けて航行中の空母ニミッツ上空を超低空飛行するなどの挑発行為を行った後、南下していったと述べている。伊豆諸島の南部を領空侵犯した 2 機の Tu-95 戦略爆撃機に対し航空自衛隊が F-15 戦闘機や空中警戒管制機 (AWACS) など合計 24 機を緊急発進させ

<http://www.technobahn.com/news/2008/200802171700.html>

2008 年 2 月 13 日 人民網日本語版

中ロ、宇宙軍拡防止条約案を共同提示

中国とロシアはジュネーブ軍縮会議の全体会議で 12 日、「宇宙空間における兵器の配備、宇宙空間上の物体に対する武力の行使および武力による威嚇の防止条約」案を共同提示し、宇宙軍事化と宇宙における軍拡競争を防止し、宇宙の平和と安寧を守るため、交渉を通じて新国際法文書締結を主張した。全体会議では、中国の李保東・駐ジュネーブ国連大使 (スイス国際機関における中国代表兼任) が楊潔チ外交部長からのメッセージを読上げた。楊部長はメッセージで「ジュネーブ軍縮会議は世界唯一の多国間軍縮交渉機関として、世界の軍備抑制・軍縮事業を促進する重任を担っている。中国はジュネーブ軍縮会議の各議題の作業を高度に重視し、積極的にこれに参加している。宇宙における軍拡競争防止は、その重要議題の 1 つだ」と指摘。

とを北朝鮮側に示すことが、今回の B-2 ステルス爆撃機のグアム島配属の背景にあるものと見られている



などの物々しい事態となった。今回、公開された画像は空母ニミッツに対して挑発行為を行った 2 機の Tu-95 戦略爆撃機の内の 1 機。Tu-95 戦略爆撃機右側には空母ニミッツから緊急発進した米海軍の F/A-18 戦闘機が写っている。今回の事件に関し日本政府の抗議を受けた、口政府は「調査を行ってみたが領空侵犯を行った事実は確認できなかった」と述べている。



画像提供: U.S. Navy

「宇宙軍事化と宇宙における軍拡競争を防止し、宇宙の平和と安寧を守ることは各国の共通利益に合致する。国際社会はこれについて新法文書を制定し、現有宇宙法体系を強化する必要がある。国連総会はすでに 20 数年連続で圧倒的多数で決議を採択し、宇宙軍拡競争を防止するための多国間協定締結交渉において、ジュネーブ軍縮会議は主導的役割を發揮すべきだと重ねて言明している」と強調した。楊部長はさらに「こうした考慮に基づき、中国とロシアは『宇宙空間における兵器配備、宇宙空間上の物体に対する武力行使および武力による威嚇の防止条約』案を共同起草した。ジュネーブ軍縮会議が同案についてできるだけ早く実質的討議を行い、合意形成することを希望する。中国はジュネーブ軍縮会議の全加盟国と共に、このために

努力していく意向だ。加盟国の共同努力の下、今年のジュネーブ軍縮

会議で前向きな進展が得られることを希望する」と述べた。(編集 NA)

http://j.peopledaily.com.cn/2008/02/13/jp20080213_83734.html

Aerospace Daily & Defense Report Feb 15, 2008

NASA, DOD, 米政府は落下衛星の処置を講じる

NASA, DOD, White House take action on falling satellite

NASA, DOD and the White House defended their plans for a ballistic-missile takedown of a falling National Reconnaissance

Office (NRO) satellite Feb. 1... . . .

欧州実験モジュール コロンブスの活性化継続; NRO の衛星はマイナーな脅威と見られる

Columbus activation continues; NRO bird seen posing minor threat

JOHNSON SPACE CENTER - Crew members on the International Space Station continued to activate Europe's

Columbus laboratory module Feb. 14 after overcom... . . .

英国は非軍事宇宙の戦略を公表

Britain unveils civil space strategy

LONDON - The British government's Civil Space Strategy, unveiled Feb. 14, provides encouragement for the U.K. space

sector but lacks any financial det... . . .

Orbital Sciences 社、2007 年は 2006 年に比し収益 35%増加

Orbital Sciences reports 35 percent increase in revenue over 2006

Orbital Sciences Corp. has announced its financial results for the fourth quarter and full year of 2007, and reported a 35 percent

increase in revenue... . . .

燃料漏れで日本の WINDS 衛星打上げ遅れ

Fuel leak delays launch of Japan's WINDS satellite

TOKYO - Fueling problems will delay launch of Japan's high-speed Internet satellite, WINDS, which had been scheduled for Feb. 15... . . .

Northrop Grumman 社、米海兵隊に新型レーダシステム納入

Northrop Grumman delivers new radar system to U.S. Marine Corps

USMC RADAR: Northrop Grumman delivered the first three production units of a new generation multi-radar tracker (MRT)

system to the U.S. Marine Corps... . . .

ボーイングは航空宇宙の事業でインドの Tata 社と協力

Boeing teams with Tata in India for aerospace work

NEW DELHI - Boeing is teaming with Tata Industries in India to build aerospace components, creating a joint venture that should

launch in June... . . .

サウジは EADS の Samoc 対空ミサイル防衛システムを発注

Saudi Arabia orders Samoc air and missile defense system

Saudi Arabia has ordered a Samoc surface-to-air missile operations center from EADS to provide mixed-force battle

management command, control, communi... . . .

戦争には\$107兆円近くかかっているとCBO議会予算局は述べる

War costs nearing \$1 trillion, CBO says

War costs are nearing the \$1 trillion mark, bolstered by the recent major increase in procurement costs, a recent

Congressional Budget Office (CBO) an... . . .

インドの調達方針に変化が予想される

Changes expected in Indian procurement policy

NEW DELHI - Bidders on India's 126 Medium Multi-Range Combat Aircraft (MMRCA) program have expressed concerns

over the Defense Procurement Policy (DPP... . . .

ノースロップグラマンはF-22に関し合成開口レーダの能力を実証

Northrop Grumman demonstrates synthetic aperture radar capability for F-22

F-22 RADAR: Northrop Grumman has demonstrated the capability to generate high-resolution, in-flight synthetic

aperture radar (SAR) maps using the acti... . . .

Aerospace Daily & Defense Report Feb 14, 2008

NASAのマーズ・サイエンス・ラボは熱防護に問題

NASA's Mars Science Lab having heat shield problems

NASA's Mars Science Laboratory (MSL) rover mission has run into problems with the development of its thermal protection

system (TPS), along with other... . . .

Carlson 空軍大將は380機のF-22を調達すると述べる

General says USAF will procure 380 F-22s, despite OSD

Gen. Bruce Carlson, chief of the U.S. Air Force Materiel Command, told a group of reporters Feb. 13 that the Air Force

will figure out a way to buy 38... . . .

インドの防衛当局は防衛技術のアップグレードが喫緊の必要と述べる

Indians voice urgent need for defense technology upgrades

NEW DELHI - Senior Indian defense officials here are expressing an urgent need to acquire and upgrade technology for defense

equipment..... . . .

NATOはミサイル防衛テストベッドを開設

NATO opens missile defense testbed

THE HAGUE - A newly created Integrated Testbed (ITB) for NATO's Active Layered Theater Ballistic Missile Defense

(ALTBMD) program conducted "milestone... . . .

2011年以降のさらに多くのSoyuzの調達承認を受ける時間がなくなっているとNASAグリフィン長官は述べる

Time running out to OK more Soyuz buys past 2011, Griffin says

NASA Administrator Michael Griffin gave House lawmakers a "heads up" Feb. 13 that time is running out for the government

to approve NASA to purchase m... . . .

スペースウォーカーは ISS トラスの使用済み窒素タンクを交換する

Spacewalkers replace spent nitrogen tank on ISS truss

JOHNSON SPACE CENTER - Controllers added a day to the STS-122/1E International Space Station assembly mission Feb.

13, after astronauts Rex Walheim an... . . .

NASA は論議のあるパイロットの調査に関してもっと多くのデータを開示することを約束

NASA promises more data from controversial pilot survey

NASA Administrator Michael Griffin has promised lawmakers more releases of data this year from the National Aviation

Operations Monitoring Service (NA... . . .

ボーイングは日本向け KC-767 初号機の FAA の型式証明を得る

Boeing gets FAA certificate for Japan's first KC-767

JAPAN'S TANKER: Boeing has received an FAA supplemental type certificate for Japan's first KC-767 Tanker, which means

Japan should receive its first t... . . .

Aerospace Daily & Defense Report Feb 13, 2008

米国は故障の NRO 衛星の迎撃を検討中

U.S. considering shooting down ailing NRO satellite

U.S. officials are studying the possibility of shooting down the errant Lockheed Martin intelligence satellite that was launched

into space for the Na... . . .

エンデバーは 2 月 18 日にローンチパッドに移動予定

Endeavour to roll out to launch pad Feb. 18

KENNEDY SPACE CENTER - The space shuttle Endeavour will be rolled out to Launch Complex 39A here on Feb. 18 in

preparation for its mission to carry ma... . . .

宇宙飛行士はコロンバス・ラボの活性化(動作準備)に向けて有意義な時間を過ごす

Astronauts making good time activating Columbus lab

JOHNSON SPACE CENTER - The combined crews of the International Space Station (ISS) and the space shuttle Atlantis

ventured into the newly installed Co... . . .

インドは米国と3番目の軍事契約を結ぶ

India signs third military contract with U.S.

NEW DELHI - India and the U.S signed a government-to-government deal here under the U.S. Foreign

Military Sales (FMS) program on Jan. 28 for six Hercu... . . .

Thor 5 は 2 月 11 日打上げに続きチェックアウト中

Thor 5 undergoing checkout following Feb. 11 launch

THOR LAUNCHED: Norway's Thor 5 telecommunications satellite is embarking on several weeks of in-orbit checkout following its

launch aboard a Proton M/... . . .

Aerospace Daily & Defense Report Feb 12, 2008

米沿岸警備隊では UAS 無人機とその代替案の検討に拍車がかかる

Alternatives analysis spurs Coast Guard UAS search

The U.S. Coast Guard expects this year to make a long-term decision on whether to pursue a ship-based, vertical lift

unmanned aerial system (UAS) or to go with a land-based . . .

ISS クルーは欧州のコロンブス・ラボに入る予定

ISS crew to enter Europe's Columbus laboratory

JOHNSON SPACE CENTER - European Space Agency (ESA) astronaut (and French Air Force Gen.) Leopold Eyharts will be

the first to enter Europe's Columbus... . . .

米検察は2件の疑惑の中国人のスパイ事件を公表

U.S. prosecutors unveil two alleged China spying cases

Federal prosecutors announced spying charges and arrests Feb. 11 in two separate cases - one against a former Boeing engineer,

and the other against a... . . .

MEADS 中空域機動防空システムは基本設計審査を完了

MEADS completes preliminary design review

The Medium Extended Air Defense System (MEADS) completed its Preliminary Design Review (PDR) in December, a few months

past its original goal of late... . . .

[解説-1] MEADS: 陸軍が、NATO (ドイツ・イタリア)と共同開発中の次世代防空システムでパトリオット後継に位置付け。基本的には、PAC-3 ERINTと同じ或いは進化したミサイルを使用しPAC-3の可搬式(半固定)に比べMEADSはユニットが完全自走式となって機動性が付与されている。MEADS主任務は、野戦部隊の防空任務からT

BM (戦術・戦域弾道ミサイル)やIRBM (中距離弾道弾)から都市及び軍事拠点の防衛と幅広い防空任務を担う。また、従来パトリオットと違う点はヘリ・UAV (無人機)・巡航ミサイル等の全防空任務を一手に請負う中射程防空システムを目指している。

<http://www.f5.dion.ne.jp/~mirage/hypams01/md-04a.html>

[解説-2] MEADS: 米独伊3カ国によるMEADSは、他の同等のミサイル・システムに比べ戦術的移動性と戦略的展開性が大きく改善され、戦術作戦の各段階で、短・中距離弾道ミサイル、巡航ミサイル、およびその他の空気吸込み型ミサイルの脅威から、作戦行動中の兵力な

ど重要な前方展開軍を守る、360度の強固な防衛を提供。MEADSは当面、老朽化した防衛システム(改良型ホークなど)に代わるものとなるが、長期的には、パトリオットが運用寿命の終わりに近づくに従い、パトリオットに代わるシステムとなる。

<http://tokyo.usembassy.gov/j/p/tpj-j20030530d2.html>

Boeing/Insitu の無人機 ScanEagle はオーストラリアで 10,000 飛行時間を記録

Boeing/Insitu ScanEagle marks 10,000 flight hours with Australians

AUSTRALIAN SCANEAGLE: Boeing and Insitu's ScanEagle unmanned aerial vehicle (UAV) reached the 10,000 flight hour

milestone with the Australian army in... . . .

NASA は STS-127 エクスペディション 19 のクルーを任命

NASA assigns crews for STS-127, Expedition 19

CREWS ASSIGNED: NASA has assigned crews for the STS-127 space shuttle mission and the Expedition 19 International Space

Station (ISS) mission. Targete... . . .

仏は SSA 宇宙状況認識システムのサポート予定

France to support space situational awareness system

French president Nicolas Sarkozy says France will support deployment of a space situational awareness system and a

second generation optical/radar rec... . . .

AIA の Blakey は R&D の税額控除を推進

AIA's Blakey pushes R&D tax credit

STIMULATING CREDIT: New Aerospace Industries Association (AIA) chief executive Marion Blakey is taking up the charge to

push a beloved but frustrating... . . .

DOD の多年次調達プロセスは疑問と GAO 会計検査院は述べる

DOD's multiyear procurement process questionable, GAO says

DOD spends \$10 billion annually on multiyear procurement (MYP) contracts for weapons systems, the management of which has

been called into question by... . . .

米議会はナノテクに焦点を当てるかもしれないと CRS 議会調査局は述べる

Congress may put nanotech under microscope, CRS says

It may be up to Congress to take a hand in shepherding nanotechnology development, including DOD's extensive efforts

in the field, a recent Congressio... . . .

レイセオンは空軍衛星通信の契約で\$75M を得る

Raytheon wins \$75 million U.S. Air Force satcom contract

COMMUNICATIONS UPGRADE: Raytheon has won a \$75 million U.S. Air Force contract to upgrade a satellite communications

system that provides protected co... . . .

Aerospace Daily & Defense Report Feb 11, 2008

国防総省の予算要求は最新の AMRAAM の遅れを反映

Pentagon budget request reflects latest AMRAAM delay

AMRAAM DELAY: The Pentagon's fiscal 2009 budget request reflects another six-month delay in the newest version of the

Advanced Medium-Range Air-to-Air... . . .

FY2009 には新しい爆撃機の予算はなし

No money for new bomber in FY '09

BOMBER MONEY: The U.S. Air Force's fiscal 2009 budget request does not include funding for a new bomber, which the

service wants in the field by 2018.... . . .

NASA は仏クーラーその他での打上げオプションを基本化

NASA 'baselining' launch ops at Kourou, elsewhere

OBSERVING ARIANE: Yannick d'Escatha, director of the French space agency CNES, says NASA has agreed to benchmark

launch operations at Europe's Kourou,... . . .

米国防衛マネジメント委員会は 2 月 20 日に会合予定

U.S. Defense Management Board to meet Feb. 20

U.K. CUTS: For those interested in the British defense arena, Feb. 20 is shaping up to be a key date - the U.K.'s Defense

Management Board is due to m... . . .

BAE はコマンド & コントロール艦船インテグレーションの契約で\$242M を得る

BAE wins \$242 million command and control ship integration contract

BAE C4I: BAE will provide the U.S. Navy with an entire package of command, control, computer, communication and intelligence

(C4I) capabilities aboard... . . .

ATK 社は米空軍の新しい契約の限界に備える

ATK bracing for 'limitations' on new USAF contracts

FLARE UP: Alliant Techsystems could see temporary "limitations" on getting new U.S. Air Force contracts after its

Launch Systems Group was placed on t... . . .

Ball Aerospace は米空軍向けにレーザー損傷のスタディを予定

Ball Aerospace to study laser damage for USAF

LASER DAMAGE: The U.S. Air Force is paying Ball Aerospace \$42 million to analyze and model the effects of lasers on various

targets so vulnerabilities... . . .

DIA 防衛諜報庁はアナリストに対しイランの対空ミサイルを探すように助言

DIA advises analysts to look out for Iranian SAMs

IRANIAN SAMs: Imagery and electronic intelligence analysts were put on notice last week by the U.S. Defense Intelligence

Agency (DIA) boss to keep sha... . . .

F-22 の生産ラインは追加予算にもかかわらずギャップに直面

F-22 line faces gap despite supplemental

Though Defense Secretary Robert Gates says he wants to keep the F-22 production line open at least until the next

administration, there still will be... . . .

欧州の観測ロケット2号機が打上げられた

Second European Sounding Rocket Launched

SOUNDING ROCKET: The second Texas sounding rocket in two weeks has been launched from the Esrange Space Center in

northern Sweden. Texas 45, containin... . . .

'Dextre'ロボットがISSに追加で二つの手を与える

'Dextre' robot to lend ISS an extra pair of hands

A major new Canadian robotics system is being readied at Kennedy Space Center for launch to the International Space

Station (ISS) on the STS-123 missi... . . .

NASA の火星予算は FY2008 予算に比し若干落ちて\$1.1B に

NASA's Mars budget dips \$1.1B compared to FY '08 runout

In its fiscal 2009 budget request, NASA has reduced its Mars

exploration budget approximately \$1.1 billion through FY '12, as

compared to the run-out... . . .

ロシアは ISS のクルー向けにイリジウム衛星電話をアップグレード

Russia upgrades Iridium phones for ISS crews

Russia has upgraded the satellite telephones that returning International Space Station (ISS) crews use to communicate with recovery forces on the gro... . . .

Aerospace Daily & Defense Report Feb 8, 2008

NASA に関する FY2009 予算要求 National Aeronautics and Space Administration President s FY 2009 Budget Request Detail

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Aeronautics	593.8	511.7	446.5	447.5	452.4	456.7	467.7
Aeronautics	593.8	511.7	446.5	447.5	452.4	456.7	467.7
<u>Aviation Safety</u>	<u>87.3</u>	<u>66.5</u>	<u>62.6</u>	<u>65.9</u>	<u>65.0</u>	<u>64.5</u>	<u>66.5</u>
Integrated Vehicle Health Management	30.7	22.0	19.7	19.9	18.8	18.6	19.2
Aging Aircraft	14.9	10.0	10.6	11.3	11.2	12.0	12.4
Integrated Resilient Aircraft Control	22.2	15.3	17.1	18.5	19.0	18.2	18.8
Integrated Intelligent Flight Deck Technologies	19.5	19.3	15.2	16.3	16.0	15.7	16.1
<u>Airspace Systems</u>	<u>102.5</u>	<u>100.1</u>	<u>74.6</u>	<u>72.7</u>	<u>74.2</u>	<u>75.4</u>	<u>78.4</u>
NextGen - Airspace	85.1	83.3	61.3	56.0	57.3	58.5	60.8
NextGen - Airportal	17.4	16.8	13.3	16.7	16.9	16.9	17.5
<u>Fundamental Aeronautics</u>	<u>330.4</u>	<u>269.9</u>	<u>235.4</u>	<u>233.2</u>	<u>235.2</u>	<u>238.6</u>	<u>244.6</u>
Subsonic - Rotary Wing	36.1	30.8	25.8	26.6	26.7	26.9	28.0
Subsonic - Fixed Wing	133.9	119.9	108.4	105.3	107.6	109.1	111.5
Supersonics	67.7	53.0	44.0	44.9	44.3	45.2	46.6
Hypersonics	92.8	66.2	57.3	56.4	56.5	57.4	58.4
<u>Aeronautics Test Program</u>	<u>73.5</u>	<u>75.1</u>	<u>73.9</u>	<u>75.8</u>	<u>78.0</u>	<u>78.2</u>	<u>78.2</u>
Aero Ground Test Facilities	48.5	50.0	48.2	49.4	50.8	51.0	51.0
Flight Operations and Test Infrastructure	25.0	25.1	25.6	26.4	27.2	27.2	27.2
Exploration	2,869.8	3,143.1	3,500.5	3,737.7	7,048.2	7,116.8	7,666.8
Constellation Systems	2,114.7	2,471.9	3,048.2	3,252.8	6,479.5	6,521.4	7,080.5
<u>Constellation Systems Program</u>	<u>2,023.6</u>	<u>2,341.4</u>	<u>2,875.1</u>	<u>3,221.5</u>	<u>6,479.5</u>	<u>6,521.4</u>	<u>7,080.5</u>
Program Integration and Operations	661.8	530.8	748.2	815.8	2,337.0	2,332.8	3,070.0
Crew Exploration Vehicle	479.5	775.7	1,101.4	1,104.9	1,745.9	1,556.8	1,282.8
Crew Launch Vehicle	882.3	999.2	1,018.5	1,276.8	2,031.7	1,744.7	1,497.7
Cargo Launch Vehicle	-	35.7	7.0	24.0	365.0	887.0	1,230.0
<u>Commercial Crew and Cargo</u>	<u>91.1</u>	<u>130.5</u>	<u>173.0</u>	<u>31.3</u>	=	=	=
Commercial Orbital Transportation Services	91.1	130.5	173.0	31.3	-	-	-
Advanced Capabilities	755.1	671.1	452.3	484.9	568.7	595.5	586.3
<u>Human Research Program</u>	<u>148.7</u>	<u>146.9</u>	<u>151.9</u>	<u>152.8</u>	<u>153.2</u>	<u>158.7</u>	<u>162.7</u>
ISS Medical Project	18.9	19.2	19.9	20.1	19.1	19.8	20.4
Research Infusion Projects	129.9	127.7	131.9	132.7	134.1	138.9	142.4

Source: NASA

Exploration (Con't.)							
	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<i>Exploration Technology Development</i>	<u>359.1</u>	<u>326.0</u>	<u>244.1</u>	<u>296.6</u>	<u>398.8</u>	<u>420.2</u>	<u>407.1</u>
ISS Research	32.5	39.4	24.8	25.8	25.2	25.4	27.1
Technology Infusion Projects	326.5	286.6	219.3	270.7	373.6	394.9	380.0
<i>Lunar Precursor Robotic Program</i>	<u>247.3</u>	<u>198.2</u>	<u>56.3</u>	<u>35.5</u>	<u>16.7</u>	<u>16.5</u>	<u>16.5</u>
Lunar Precursor Robotic Program Management	44.0	16.3	16.4	16.4	16.5	16.5	16.5
Lunar Reconnaissance Orbiter	199.2	147.5	40.0	19.1	0.2	0.1	-
Lunar Robotics Lander	4.1	34.3	-	-	-	-	-
Space Operations	5,113.5	5,526.2	5,774.7	5,872.8	2,900.1	3,089.9	2,788.5
Space Shuttle	3,315.3	3,266.7	2,981.7	2,983.7	95.7	-	-
<i>Space Shuttle Program</i>	<u>3,315.3</u>	<u>3,266.7</u>	<u>2,981.7</u>	<u>2,983.7</u>	<u>95.7</u>	<u>-</u>	<u>-</u>
Program Integration	511.4	470.3	489.6	614.8	95.7	-	-
Flight and Ground Operations	1,066.7	1,121.8	1,031.2	955.9	-	-	-
Flight Hardware	1,717.2	1,674.6	1,460.9	1,413.0	-	-	-
Hurricane Recovery	20.0	-	-	-	-	-	-
International Space Station	1,469.0	1,813.2	2,060.2	2,277.0	2,176.4	2,448.2	2,143.1
<i>International Space Station Program</i>	<u>1,469.0</u>	<u>1,813.2</u>	<u>2,060.2</u>	<u>2,277.0</u>	<u>2,176.4</u>	<u>2,448.2</u>	<u>2,143.1</u>
ISS Operations	1,469.0	1,713.1	1,755.4	1,750.2	1,754.2	1,697.2	1,528.5
ISS Cargo Crew Services	-	100.1	304.8	526.8	422.2	751.0	614.6
Space and Flight Support (SFS)	329.2	446.3	732.8	612.1	628.0	641.7	645.4
<i>Space Communications and Navigation</i>	<u>191.3</u>	<u>303.9</u>	<u>582.9</u>	<u>475.2</u>	<u>491.3</u>	<u>504.8</u>	<u>508.5</u>
Space Communications Networks	59.9	90.7	363.5	385.5	409.8	420.2	423.7
Space Communications Support	66.4	63.9	65.4	63.7	62.5	62.0	71.4
TDRS Replenishment	65.0	149.3	154.0	26.0	19.0	22.6	13.4
<i>Launch Services</i>	<u>83.4</u>	<u>91.7</u>	<u>99.6</u>	<u>84.0</u>	<u>83.4</u>	<u>83.8</u>	<u>83.8</u>
Launch Services	83.4	91.7	99.6	84.0	83.4	83.8	83.8
<i>Rocket Propulsion Testing</i>	<u>46.4</u>	<u>41.9</u>	<u>41.8</u>	<u>44.3</u>	<u>44.7</u>	<u>44.6</u>	<u>44.6</u>
Rocket Propulsion Testing	46.4	41.9	41.8	44.3	44.7	44.6	44.6
<i>Crew Health & Safety</i>	<u>8.1</u>	<u>8.7</u>	<u>8.6</u>	<u>8.6</u>	<u>8.5</u>	<u>8.5</u>	<u>8.5</u>
Crew Health and Safety	8.1	8.7	8.6	8.6	8.5	8.5	8.5

Source: NASA

Aerospace Daily & Defense Report Feb 8, 2008

アトランティスは欧州の長く待ったコロムブス・ラボを打上げ

Atlantis lifts off with Europe's long-awaited Columbus lab

The space shuttle Atlantis is en route to the International Space Station (ISS) with Europe's Columbus laboratory module,

following a weather-dodging... . . .

Westar 社が Apache ヘリのアップグレードをサポート

Westar to support Apache upgrades

Westar Aerospace & Defense Group has received a task order from the U.S. Army Aviation & Missile Command (AMCOM) to

provide the Apache Attack Helicopt... . . .

打上げロケットの計画、最終的に予定通り進捗、プロジェクト・リーダーは ESA サミットを注視

Launcher program finally on track, project leaders eye ESA summit

NOORDWIJK, Netherlands - European Space Agency (ESA) officials say a revamped undertaking to prepare basic

technologies for future-generation launch s... . . .

韓国のシンクタンクは KFX 次期ステルス戦闘機に強固に反対

Korean think tank steadfast in opposition to KFX

SEOUL - An influential South Korean government think tank is standing fast in its opposition to the air force's proposed KFX

stealth fighter program.... . . .

SES 社はイスラエルの Spacecom 社買収に失敗

SES fails in bid for Israel's Spacecom

PARIS - SES appears to have failed in a bid to acquire Space Communications (Spacecom) of Tel Aviv, operator of the Amos

telecom satellite network, al... . . .

AeroVironment 社は Raven 無人機で\$45.8M の契約を獲得

AeroVironment wins \$45.8m contract for Raven unmanned aircraft

LITTLE RAVEN: AeroVironment (AV) won a \$45.8 million order Feb. 7 from the U.S. Army for RQ-11B Raven small unmanned

aircraft systems (UAS) and associ... . . .

DOD は情報システムにバックアップの計画があったほうが良いと監査官は述べる

DOD needs better backup plans for information systems, IG says

The Pentagon's inability to come up with a proper contingency plan for information system problems could cost the Defense

Department dearly during key... . . .

インドにおいてヘリがブームに

Rotorcraft orders booming in India

NEW DELHI - With rotorcraft business booming, it's not difficult to see why 2008 has been declared the Year of the Helicopter in

India at the HeliPowe... . . .

ESA はマドリッド近傍に新しい宇宙天文センタを開設

ESA inaugurates new space astronomy center near Madrid

MADRID CENTER: The European Space Agency has inaugurated a space astronomy center near Madrid. The European Space

Astronomy Center (ESAC) will be in c... . . .

酸化剤タンクの故障が Scaled Composites 社の試験事故で言及された

Oxidizer tank failure cited in fatal Scaled Composites accident

ACCIDENT REPORT: A preliminary report into the explosion that killed three Scaled Composites workers during development tests

of the SpaceShipTwo (SS2... . . .

Aerospace Daily & Defense Report Feb 7, 2008

Gates 国防長官は次期政権に対しても F-22 生産ラインを継続する計画

Gates plans to keep F-22 line open for next administration

Defense Secretary Robert Gates said Feb. 6 he intends to keep the F-22 Raptor line in Marietta, Ga. open through 2010 even

though the Pentagon's plann... . . .

DOD のウェポン・システムは品質問題があると GAO 会計検査院は述べる

DOD weapon systems suffer quality problems, GAO says

A Government Accountability Office (GAO) analysis of 11 DOD weapon systems uncovered poor practices on the part of

defense contractors and resultant q... . . .

ヘリウム漏れにより Rascom-QAF1 の運用寿命2年に切詰め

Rascom-QAF1 service life cut to two years

Thales Alenia Space says engineers have managed to place the Rascom-QAF1 satellite in final orbit, following a helium leak that

occurred after its lat... . . .

英国はイラク、アフガニスタンの要求で今まで\$5B を使った

U.K. has spent \$5 billion on Iraq, Afghanistan requirements

LONDON - The United Kingdom has spent 2.6 billion pounds (\$5.09 billion) so far on 796 urgent operational requirements to

support combat operations in... . . .

英国は核軍縮の会議を提案

U.K. proposes nuclear disarmament conference

LONDON - Britain is proposing to host a five-nation conference on the technical and verification aspects of nuclear disarmament... . . .

F-16 の仏への売却は問題の種となろう

F-16 sale to France could be in trouble

PARIS - French press reports indicate a U.S. Foreign Military Sale of 24 Lockheed Martin F-16 fighters, won against France's

Rafale, could be on the ro... . . .

Ball Aerospace 社はレーザの研究開発で\$42M の契約を得る

Ball Aerospace wins \$42M contract for laser R&D

BALL LASER: Ball Aerospace was awarded a \$42 million contract by the U.S. Air Force on Feb. 4 for research and

development into Laser Effects Vulnerab... . . .

DOD はソリッドステートレーザのフェイズ2 契約をノースロップグラマンに与える

DOD awards Phase 2 solid state laser contract to Northrop Grumman

SOLID STATE: The Missile Defense Agency (MDA) has awarded

Northrop Grumman a contract for the second phase of a

five-and-a-half year program to develo... . . .

[Aerospace Daily & Defense Report](#) Feb 6, 2008

航空工学分野の予算はブッシュの政策と整合をとったと NASA は述べる

[Aeronautics request 'aligned' with Bush policy, NASA says](#)

NASA's \$446.5 million fiscal 2009 aeronautics budget request is "well aligned" with the national aeronautics research and

development (R&D) policy sig... . . .

ITT は海軍レーダ・システムのアップグレードで\$18M の契約獲得

[ITT wins \\$18 million contract to upgrade Navy radar system](#)

NAVSEA RADAR: The U.S. Navy awarded ITT \$18 million as part of the AN/SPS-48 Radar Obsolescence, Availability Recovery

(ROAR) program. The award enabl... . . .

極超音速ウェポンのテスト失敗の調査開始

[Investigation begins into hypersonic weapon test failure](#)

Test officials are trying to figure out why the final flight of a hypersonic weapon technology demonstrator ended in failure

after less than one minut... . . .

最新の NOAA の予算は気象センサの復活を継続

[Latest NOAA budget continues recovery of climate sensors](#)

The fiscal 2009 budget request for the National Oceanic and Atmospheric Administration (NOAA) continues the agency's

efforts to recover the climate se... . . .

悪天候が 2 月 7 日のシャトル打上げをおびやかす

[Bad weather threatens Feb. 7 shuttle launch](#)

Countdown for the launch of space shuttle Atlantis on the STS-122 mission carrying the European Columbus module to the

International Space Station is... . . .

米仏は Hellfire の売却で合意

[U.S., France agree on Hellfire sale](#)

FRENCH HELLFIRES: The governments of France and the U.S. have signed a Letter of Offer and Acceptance for the sale of

Lockheed Martin's precision-stri... . . .

[Aerospace Daily & Defense Report](#) Feb 5, 2008

NASA に関する FY2009 予算要求 [National Aeronautics and Space Administration President's FY 2009 Budget Request \(Budget authority, \\$ in millions\)](#)

	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Science	4,609.9	4,706.2	4,441.5	4,482.0	4,534.9	4,643.4	4,761.6
Earth Science	1,198.5	1,280.3	1,367.5	1,350.7	1,250.9	1,264.4	1,290.3
Planetary Science	1,215.6	1,247.5	1,334.2	1,410.1	1,537.5	1,570.0	1,608.7
Astrophysics	1,365.0	1,337.5	1,162.5	1,122.4	1,057.1	1,067.7	1,116.0
Heliophysics	830.8	840.9	577.3*	598.9	689.4	741.2	746.6
Aeronautics	593.8	511.7	446.5	447.5	452.4	456.7	467.7
Exploration	2,869.8	3,143.1	3,500.5	3,737.7	7,048.2	7,116.8	7,666.8
Constellation Systems	2,114.7	2,471.9	3,048.2	3,252.8	6,479.5	6,521.4	7,080.5
Advanced Capabilities	755.1	671.1	452.3	484.9	568.7	595.5	586.3
Space Operations	5,113.5	5,526.2	5,774.7	5,872.8	2,900.1	3,089.9	2,788.5
Space Shuttle	3,315.3	3,266.7	2,981.7	2,983.7	95.7	0.0	0.0
Int'l Space Station	1,469.0	1,813.2	2,060.2	2,277.0	2,176.4	2,448.2	2,143.1
Space and Flight Support (SFS)	329.2	446.3	732.8*	612.1	628.0	641.7	645.4
Education	115.9	146.8	115.6	126.1	123.8	123.8	123.8
Cross-Agency Support	2,949.9	3,242.9	3,299.9	3,323.9	3,363.7	3,436.1	3,511.3
Center Management & Ops	1,754.9	2,013.0	2,045.6	2,046.7	2,088.0	2,155.3	2,211.6
Agency Management & Ops	971.2	830.2	945.6	945.5	939.8	950.5	961.3
Institutional Investments	223.8	319.7	308.7	331.7	335.9	330.4	338.3
Congressionally Directed Items	0.0	80.0	0.0	0.0	0.0	0.0	0.0
Inspector General	32.6	32.6	35.5	36.4	37.3	38.3	39.2
FY08 Rescission**		-192.5					
NASA FY 2009	16,285.0	17,116.9	17,614.2	18,026.3	18,460.4	18,905.0	19,358.8
Year to Year Change (Percent)		5.1	2.9	2.3	2.4	2.4	2.4
Notes:							
Budgets include all direct costs required to execute the programs. Indirect costs are now budgeted with Cross-Agency Support.							
* Deep Space and Near Earth Networks Transfer (\$256M) to SFS in FY 2009.							
** FY08 Appropriation rescinded \$192.475M in prior-year unobligated balances, effectively reducing FY 2008 authority.							
FY08 budgets are the enacted levels per the Agency's FY 2009 Budget Estimates. Total may not add due to rounding.							
SOURCE: NASA							

Aerospace Daily & Defense Report Feb 5, 2008

米空軍主導の軍事宇宙予算は前年と変化なし

USAF-led military space budget stays flat

At \$11.9 billion, the Pentagon's fiscal 2009 military space budget request does not include a dramatic boost from last year, despite rising rhetoric from the military that U.S. space assets are at risk from a growing number of threats, including that posed by last

year's **Chinese anti-satellite test**. The FY 08 military space request was \$11.3 billion. Military space officials have emphasized the importance of improving their space situational awareness, a term that refers to understanding what satellites

and objects are in space as well as the capabilities or threats posed by those objects. Rhetoric on this topic intensified after the White House issued a classified memo assigning a number of tasks for various departments on the issue last summer. Air Force Space Command is now completing a series of studies to determine the best configuration of the system and its placement. The Air Force plans to delay the fielding of its revamped **Space Fence** a distributed group of ground-based sensors designed to track objects in space as they orbit. Initial operational capability is now set at 2015. The existing **Space Fence** formerly operated by the Navy and called the “**Navy Fence**” has sensors primarily in the northern hemisphere and was designed to track objects as they launch from Russia. The Air Force also plans to continue development of the Space-Based Space Surveillance system, a Boeing satellite designed to monitor the tracks of other satellites from space. The FY 09 request is \$120.7 million in research and development (R&D). Procurement funding begins in FY 12. The Pentagon also hopes to continue spending on counterspace systems the request is \$104 million (\$75 million in R&D and \$29 million in procurement), including the Counter Communications System (**CCS**) and the Rapid Identification

Detection and Reporting System (**RAIDRS**) programs. **CCS** is designed to deny an adversary s access to military satellite communications. A prototype **RAIDRS** system is now in use in Iraq and it is designed to provide geolocation for the origin of interference with U.S. satellites. By far the largest program element in the \$2.3 billion request (including \$53 million for R&D and \$1.8 billion for procurement) is for the Space-Based Infrared System (**SBIRS**), which is undergoing yet another fix after engineers discovered a timing problem in the first satellite s computer processing. A senior Air Force official says the fix to the Lockheed Martin program is about one-third of the way complete. The problem was discovered about one year ago. The Air Force is requesting \$149 million to continue technology work on a **SBIRS follow-on**, which is likely to build on NASA s advancements in focal-plane array technologies to produce a new scanning sensor. Spending on the Global Positioning System III and Transformational Satellite (**TSAT**) programs also increases in the request (\$73 million and \$84 million, respectively). Competitions for both programs are under way. A **TSAT** award is expected in May and the GPS III announcement is expected in the second quarter of FY 08. - Amy Butler (abutler@aviationweek.com)

USAF Space – Future Years Defense Plan (\$ in Millions)

Program	FY08	FY09	FY10	FY11	FY12	FY13	Total FY09-FY13
Advanced EHF	731.4	404.6	935.7	48.0	12.3	34.1	1,434.7
Evolved Expendable Launch Vehicle	1,091.8	1,239.0	1,402.5	1,101.8	1,567.6	1,267.0	6,577.9
Global Positioning System III	482.8	727.6	734.7	761.8	1,280.0	1,040.1	4,544.2
National Polar-Orbiting Operational Environmental Satellite System (NPOESS)	332.5	289.5	383.8	346.9	416.4	436.1	1,872.7
Space Based Infrared System	982.6	2,328.2	922.5	1,119.1	381.3	375.2	5,126.3
Space Based Space Surveillance	156.5	120.7	192.6	236.4	272.6	250.1	1,072.4
Transformational Satellite Communications	804.7	842.9	985.1	1,237.8	1,552.2	1,972.5	6,590.5
	(Totals RDT&E & Procurement)						
Source: Dept. of Defense							

Aerospace Daily & Defense Report Feb 5, 2008

空軍は予算を7%増加させ、調達要求額を引上げ

USAF boosts budget by about 7 percent, hikes procurement request

The U.S. Air Force fiscal year 2009 budget request of about \$143.9 billion represents a 7 percent increase over the current

fiscal year amount and inc... . . .

FY2009 米軍事予算要求は調達額が減少、RDT&E が若干上昇

Procurement down, RDT&E up slightly in FY '09 defense budget request

The Bush administration's final defense budget focuses on increasing the size of U.S. ground forces and their readiness, but

the \$515.4 billion fiscal... . . .

ブッシュ政権最終 NASA 予算は従来計画に沿う

Bush stays the course in final NASA budget

NASA's fiscal 2009 budget request, the last submitted by the Bush administration, contains "no strategic changes" and tracks

the previous five-year fu... . . .

Thales 社の Security&Service 部門 Velizy に集結

Thales Security & Services division regroups

SINGLE SITE: Thales is grouping its Paris-area Security & Services Division activities at a single site in Velizy, south of the

French capital. The ac... . . .

米空軍主導の軍事宇宙予算はフラット、変化なし

USAF-led militaryspace budget stays flat

At \$11.9 billion, the Pentagon's fiscal 2009 military space budget request does not include a dramatic boost from last year, despite

rising rhetoric f... . . .

2008 年 2 月 1 日 23:21 Jane's News Briefs <thisweek@janes.com>

ロシアは日本にスパイをしかける

Russia's mounting spying on Japan

On 16 January, Japanese sources reported that a senior intelligence official had been unmasked as a Russian spy, highlighting the extent to which Moscow's heightened activity against the West is running in parallel with increasingly active and aggressive operations in Asia. The initial reports were subsequently confirmed by the Japanese government, which claimed the spy (who has been dismissed and awaits formal

charges after having allegedly confessed to the police) worked for Naicho, a highly secret branch of the cabinet office that does not carry out espionage operations but handles and collates secret material from Japanese and foreign agencies (including the CIA and the Australian Secret Intelligence Service) to brief senior officials [first posted to <http://jid.janes.com> - 28 January 2008]

宇宙ニュースの小部屋 <http://d.hatena.ne.jp/t-naka/200802>

2008-02-15-Fri Spaceflightnow(2/14)

[機関]米、機能喪失した偵察衛星を再突入前にミサイルで破壊する検討中

2006 年に Delta2 で打上げられ、軌道投入直後にリンクを喪失した偵察衛星が 3 月中旬にも再突入する問題で、米は、地上に落下すると想定される直径 1m のヒドラジンタンクを破壊するため、海軍のミサイルで衛星破壊を検討中と発表。

衛星(USA 193)は 2.5ton で高度 350km、軌道傾斜角 58 度に投入されている。計画では、アトランティスの帰還後、高度 240km 付近でミサイルで破壊することを検討しており、破片は数週間で大気圏に突入見込み。NASA 長官の Griffin 氏は、懸念しているのは、現在固化しているヒドラジンがスラッシュ状態で地上に落下し、その後の入熱で大量ヒドラジンが飛散すること、としている。

SpaceDaily(2/15)

[深宇宙探査]インドの月探査衛星の打上げ2ヶ月遅れて6月の見込み

2008-02-14-Thu SpaceX プレスリリース(2/12)

[ロケット]SpaceX 社、F9/Dragon 2号機のPDRを完了

2号機では、無人のDragonがISSから10kmまで接近し4日間滞在する計画

2008-02-13-Wed JAXA プレスリリース(2/13)

[ロケット]MHI、H-2A F14 打上げ延期

ロケット第2段姿勢制御用ガスジェットスラスト装置への推進薬充填作業において、正常に充填ができない不適合が発生した、とのこと。

AviationWeek(2/10)

[ロケット]AtlasV用バンデンバーグ射点完成。2/26に初号機。

2008-02-12-Tue Spaceflightnow(2/11)

[ロケット]ILS社、Proton/Breeze Mによる静止軌道直接投入ミッションに成功 ミッション時間9時間で、BreezeMの4回燃焼後に、静

止軌道直接投入を実施。

Spaceflightnow(2/10)

[ロケット]ATV1、3/8 打上げ

2008-02-08-Fri NASA Spaceflight(2/7)

[有人宇宙]STS-122、打上げ成功

貫通コネクタをはんだ付け修理したECOセンサーも異常なし。

AviationWeek(2/4)

[ロケット]NASA、J-2Xの点火器着火試験に成功

CDRは4月か5月に実施予定。

J-2XはLOX/LH2を推進薬とする推力132tonfのGGサイクル上段エンジンで、ISPは448秒。

今週の軍事関連ニュース <http://www.kojii.net/news/index.html>

今週の軍事関連ニュース (2008/02/15)

今日の小ネタ (DefenseNews 2008/2/11)

インドのISRO (Indian Space Research Organisation) 関係者によると、インドは今後イスラエルの偵察衛星打上げを担当すること。

先月、インドがTecSARを上げた際には、国内の左派政党やイランが嘸みついている。

イランのMahmoud Ahmadinejad大統領は11日、数ヶ月以内に2機の"衛星打上げ"を実施すると表明。先日に出上げたKavoshgar-1は成功だったとしている。2005年にはロシア製の衛星を

ロシアから上げたが、今夏に打上げを予定しているOmid (希望の意)は純国産だという説明。

スパイ事件 (AFPS 2008/2/11)

米司法省は、政府機関の情報を不正に中国に流していたとして、合計3名を逮捕したと発表。DSCA (Defense Security Cooperation Agency) 勤務のGregg William Bergersen 容疑者 (51) は、中国政府のためにアメリカの防衛関連情報を集めていた中国人ビジネスマ

ンのTai Shen Kuo 容疑者 (58) に台湾向け兵器輸出関連の情報を2006/1-2008/2にかけて渡していた容疑。そのKuo容疑者と"中国の関係者A"の間に入っていた連絡員・Yu Xin Kang 容疑者 (33) も逮捕された。

今日の報道発表 (Defense-Aerospace.com 2008/2/12)

米 Raytheon 社は、米空軍の衛星通信システムを更新する Minuteman Minimum Essential Emergency Communications Network (a.k.a. MMPU) について、開発・製造を受注することに。契約額は 7,500 万ポンド。大統領を初めとする国家指揮権限者 (NCA : National Command Authority) が、シームレスに現場部隊と通信できるようにする。作業担当は Raytheon Network Centric Systems、衛星通信システムと地上側の端末機材を開発・製造・納入・サポートする。製造拠点はフロリダ州 Largo。2009 年末から運用

評価試験を開始し、2010 年に稼働開始する AEHF (Advanced Extremely High Frequency) 衛星に間に合わせる。Raytheon 社は 1999 年に、スタディ契約の一環として現行 MMP ソリューションも受注。また、空軍以外にも海軍の Navy Multiband Terminal を 2007 年 6 月に 10 億ドルで、さらに陸軍 SMART-T (Secure Mobile Anti Jam Reliable Tactical Terminal、初の AEHF 対応システム) といった具合に、秘話衛星通信システムを手掛けている。(Raytheon)

米 ATK (Alliant Techsystems) 社は、同社の Launch Systems group に対して米空軍が課していた契約停止措置 (EPL : Excluded

Parties List) を解除する、と通告されたと発表。これが実現すると、通常契約形態に復帰する。(ATK)

今週の軍事関連ニュース (2008/02/12)

今日の小ネタ (DefenseNews 2008/2/7)

イランの Seyed Mehdi Nabizadeh 駐印大使が 5 日、「インドはイランをスパイするための衛星打上げに関与すべきではない」として、先にインドが実施したイスラエルのレーダ偵察衛星・TECSAR の打上げに

抗議。インドが米に接近しているため、2006 年初頭からインドとイラン関係が冷え込んでいる。

今週の軍事関連ニュース (2008/02/08)

今日の報道発表 (Defense-Aerospace.com 2008/2/6)

イランの Mahmoud Ahmadinejad 大統領が国営テレビに登場、Explorer-1 と称する国産衛星の打上げを指令。打上げの様子を撮影した映像では、何かが打上げ後にパラシュートをつけて地上に落下しているが、正体は不明。イランのメディアは「宇宙空間に達した」としているが、軌道や高度については明らかにしていない。昨年 2 月にも衛星打上げを試みたが、これは軌道投入に失敗している。ちなみに「宇宙」とは高度 100km 以上をいい、衛星軌道は低いものでも 160km ある。このほか、大統領はテレビで "Omid" (希望の意) と称する国産衛星の存在を明らかにしている。こちらは 1 年ちょっとで国産ロケットに載せ

て打上げる予定、としている。ただ、こうしたイランの主張に疑義を呈する向きもあり、Al-Ahram Center for Political and Strategic Studies (Cairo, Egypt) で拡散阻止問題を専門にしている Mohammed Abdel-Salam 氏は、イランにそれだけの能力があるかどうかは疑わしいと発言。2005 年に口で組立てた衛星を口のロケットで打上げたことがあり、宇宙関連プログラムを推進しているのも事実、さらに北部・Semnan 省の砂漠地帯に衛星組立・打上げを行うスペース・センタも開設したとしている。一方、米や欧州諸国はイランのロケット/ミサイル開発に懸念を示している。(VoA)

今日の報道発表 (Defense-Aerospace.com 2008/2/6)

ULA (United Launch Alliance) は米空軍から、NRO (National Reconnaissance Office) 向けの偵察衛星打上げ業務 × 5 件を総額 5 億 500 万ドルで受注。使用するのは Delta IV eelv (Evolved Expendable Launch Vehicle)、EELV Launch Services Contract として、ブースタの製造・インテグレーション・組立・チェックアウトまで一貫して実施する。5 件のうち 2 件は "heavy configuration" で、残り 3

件のうち 2 件は Space Launch Complex 37 (Cape Canaveral AFS, FL) から、残り 1 件は Space Launch Complex 6 (Vandenberg AFB, CA) から打上げる。打上げ期日は後日決定とする。なお、ULA が予定している次の打上げは NRO の偵察衛星で、2008/2/26 に Atlas V EELV で Vandenberg AFB の SLC-3 から打上げる予定。(ULA)

今週の軍事関連ニュース (2008/02/05)

今日の報道発表 (Defense-Aerospace.com 2008/2/1)

1/21 にインドの PSLV (Polar Satellite Launch Vehicle) で打上げられたばかりの、IAI (Israel Aerospace Industries) 社の合成開口レーダ偵察衛星・TecSAR が、30 日に初画像を送ってきた。嵐夜に

撮影したものだが、システムは完璧に機能し高品質画像を得られたとのこと。(IAI)

今日の報道発表 (Defense-Aerospace.com 2008/2/1)

米 ATK (Alliant Techsystems) 社は、加 MDA (MacDonald Dettwiler and Associates) 社の Information Systems and Geospatial Businesses 部門を買収する件について、ICA (Investment Canada Act) Registration への書類提出を行うと発表

した。当局による審査と株主による承認を経て、今年の第一四半期中に買収を実現したい考え。MDA 社の宇宙部門関連資産は ATK Space Systems と一本化するが、カナダ国内にある事業所と従業員はそのままカナダに維持する、としている。(ATK)

今日の米軍調達 (Contracts 2008/1/31)

Lockheed Martin Space Systems Corp. (King of Prussia, PA) は米空軍から、F04701-89-C-0073 契約の下で発注した衛星を対象とする、打上げ支援、軌道上での運用、衛星の保管・保安対策といっ

た業務に関する修正契約を \$39,489,058 で受注した。SMC/GPSW/PK, Los Angeles AFB, CA(F04701-89-C-0073)

DefenseNews.com <http://www.defensenews.com/>

Posted 02/12/08 09:37 **米国当局：ロシアは冷戦時代の物の考え方に逆行？**

U.S. Official: Is Russia Back to Cold War Mind-Set?

By WILLIAM H. MCMICHAEL <http://www.defensenews.com/story.php?F=3368724&C=america>

The vice chairman of the Joint Chiefs confirmed for the U.S. Congress a leaked report that two Russian bombers flew unusually close to a U.S. aircraft carrier operating near Japan over the weekend and said that the incident, plus increased overall Russian aviation activity, raise questions about Russia's possible return to a "Cold War mind-set." "We treat that as something ... unusual from the standpoint [that] there has been a significant lapse in time since that last occurred," said U.S. Marine Gen. James Cartwright, the second-highest ranking officer in the U.S. military, during an abbreviated Senate Budget Committee hearing Feb. 12 on the Defense Department's 2009 budget plan. "What we're concerned about is, what are the indications of this return to a Cold War mind-set what are the implications of that activity and how do we best address that?" Cartwright said. "It is free and international airspace. We're just trying to now go back and look [at] what message was intended by this sort of flight." Cartwright said the U.S. military has been tracking increased activity by Russian aircraft. "Russian aviation and long-range aviation has started to ramp up the number of sorties and the routes that they fly, similar to the activity that they did during the Cold War," he said. While such overflights were common during the long Cold War between the U.S. and the

former Soviet Union, they were officially discontinued in 1992, although occasional sorties have continued. But Russian President Vladimir Putin announced last August that Russia, whose weak post-Cold War economy has significantly pinched its once-vast military's ability to train and operate, would resume sending strategic bombers on long-range patrols. The Associated Press, citing an anonymous official source who leaked a classified report on the incident, reported Feb. 11 that two Tupolev bombers approached the San Diego-based carrier Nimitz over the weekend and that one buzzed the carrier at the low altitude of 2,000 feet. They were part of a four-bomber sortie launched from Ukrainka. Two flew south along the Japanese coast, while the other two approached the Nimitz group. When the bombers came within 500 miles of the group, the Nimitz scrambled four F/A-18 Hornets to intercept the two closest bombers. The jets did so about 50 miles south of the Nimitz, AP said. Still, one bomber overflew the Nimitz twice while the other circled about 50 nautical miles out, AP reported. Cartwright told the committee that the Russian aircraft flew down the northeast coast of Russia near Japan and approached the Nimitz group in the "waters adjacent to Japan." He wouldn't confirm the leaked altitude figure, saying only that the bomber flew "below 3,000

feet.” Cartwright pointed out that the bomber was detected some 500 miles from the carrier, that the overflight was done “safely and professionally,” and that the bombers were escorted out of the area by Navy fighters following “standard practices”

for intercept and escort. That did not seem to fully placate Sen. Bill Nelson, D-Fla., who raised the issue at the tail end of the hearing. “That sounded pretty provocative to me,” he said. “We’ll follow up on this in the armed services committee.”

02/12/08 13:34 **ブラックウォーター社が台湾人を訓練**

[Blackwater Training Taiwanese](#)

02/12/08 08:56 **国防総省の役人、元ボーイングの技術者が中国のスパイ事件で有罪に**

[Pentagon Official, Ex-Boeing Engineer Charged in China Spy Case](#)

02/11/08 12:58 **米空軍長官は次の 20 年の計画を公表**

[U.S. Air Force Chief Unveils Plans for Next 20 Years](#)

02/11/08 12:48 **インドはもっと多くのイスラエルのスパイ衛星を打上げる計画**

[Indian Agency Plans More Israeli Spy Sat Launches](#)

By VIVEK RAGHUVANSHI <http://www.defensenews.com/story.php?F=3366868&C=america>

NEW DELHI India plans to launch more Israeli spy satellites from Indian territory, say sources in the Indian Space Research Organisation (ISRO), despite domestic political opposition. Last month, India launched an Israeli spy satellite from the Sriharikota space center in east India, prompting strong condemnation from the Communist Party, which supports the ruling United Progressive Alliance and whose support is necessary for the government to remain in power. Iran also has objected to the launch of Israeli satellites from Indian soil. ISRO sources say Israeli satellites will be launched aboard Indian rockets, adding that ISRO intends to earn additional revenue from rocket

launches in the future. The 300-kilogram Israeli TecSar spy satellite launched by ISRO’s Polar Satellite Launch Vehicle on Jan. 21 is an advanced satellite equipped with a camera that can take pictures of small targets through clouds and fog. Israel decided to launch the satellite from India three years ago, and contracted India because Israel lacks a vehicle capable of boosting the satellite into a polar orbit. However, the launch of future Israeli satellites could come close to general elections slated in 2009 and may not be politically popular, said a source in the Indian Defence Ministry.

02/11/08 12:38 **さらに 2 発のロケットを宇宙に打上げるとイランは述べる**

[Iran Says It Will Launch Two More Rockets in Space](#)

02/10/08 13:58 **北朝鮮は油の支援を軍事訓練に悪用の疑い**

[N. Korea Suspected of Misusing Oil Aid for Military Training: Report](#)

02/08/08 11:32 **プーチン：ロシアは軍事競争に対応し、兵器を開発する**

[Putin: Russia Will Respond to Arms Race, Is Developing Weapons](#)

AGENCE FRANCE-PRESSE

MOSCOW Russia will “always respond” to the challenges of a new “arms race” and is developing more high-tech weapons, President Vladimir Putin said on Feb. 8 in a televised address. “There is a new turn in the arms race,” Putin said.

“Russia will always respond to this new challenge,” he said, promising “new weapons that have the same characteristics, and in some cases better characteristics, as those being built by other countries.”

グリフィン NASA 長官はさらに多くの Soyuz カプセルを調達することの承認を求める

Griffin Seeks Legislative OK to Buy More Soyuz Capsules

WASHINGTON -- NASA Administrator Mike Griffin asked U.S. lawmakers Feb. 13 to pass legislation this year permitting the U.S.

space agency to buy Soyuz flights from Russia beyond 2011 to deliver crews to and from the international space station.

インドの月ミッションは遅れる

Indian Moon Mission Delayed

BANGALORE, India -- The Indian Space Research Organisation (ISRO) has postponed the launch of the nation's first planetary

mission, the Chandrayaan-1 lunar orbiter, which had been scheduled for April 9, for at least two weeks.

Lehman Brothers は Inmarsat に再投資

Lehman Brothers Reinvests in Inmarsat Shares

PARIS -- Lehman Brothers International (Europe), which in mid January reduced its shareholdings in mobile satellite services provider Inmarsat by 50 percent, has been buying large quantities

of the stock and now has a 15 percent stake in the London-based company, Inmarsat said Feb. 13.

仏大統領は宇宙活動を統制する規則を要求

French President Calls for Rules Governing Space Activity

PARIS -- French President Nicolas Sarkozy called for a stricter set of rules governing activities in space to prevent events like China's deliberate destruction of its own satellite from recurring,

and said Europe should develop its own space-surveillance system to monitor what going on in Earth orbit.

元ボーイングのエンジニアがシャトル、Delta4 の秘密を中国に渡した嫌疑

Former Boeing Engineer Allegedly Gave Shuttle, Delta 4 Secrets to China

WASHINGTON -- U.S. federal authorities arrested a former Boeing engineer Feb. 11 for allegedly giving the Chinese trade

secrets related to several aerospace programs, including the space shuttle and Delta 4 rocket.

Proton は Thor 5 衛星を打上げ

Proton Launches Thor 5 Satellite

WASHINGTON -- An International Launch Services (ILS) Proton Breeze M rocket successfully launched the Thor 5 communications satellite for Telenor Satellite Broadcasting Feb.

11 from the Baikonur Cosmodrome in Kazakhstan, ILS announced.

イランは今夏衛星を軌道に上げる前にさらに研究ロケットを2発打上げ予定

Iran to Launch 2 More Research Rockets Before Placing Satellite into Orbit this Summer

TEHRAN, Iran (AP) -- Iran will launch two more research rockets into space before putting its first domestically built satellite into

orbit, President Mahmoud Ahmadinejad said Monday, claiming the first rocket launch earlier this month was a success.

TerreStar は新しい投資を得た、しかし打上げは遅れ

TerreStar Gets New Investment But Faces Launch Delay

PARIS -- Start-up mobile satellite services provider TerreStar Corp. has been thrown a lifeline by the newly reorganized

EchoStar Corp. and by private-equity investor Harbinger Capital, which is a big investor in multiple mobile satellite ventures.

イスラエル Spacecom 社は SES による買収を拒否

Spacecom Rejects SES Takeover Bid

PARIS -- Commercial satellite operator Spacecom of Israel has rejected a takeover bid by SES of Luxembourg, saying its large rival is undercounting the value of Spacecom's business and

proposing to leave Spacecom with a single satellite whose revenue would be insufficient to guarantee Spacecom's future.

Scaled Composites 社はカリフォルニアに\$28,870 の援助を求める

Scaled Composites To Appeal Calif. Fine

WASHINGTON -- Scaled Composites LLC is appealing \$28,870 in fines the California Department of Industrial Relations imposed

on the Mojave, Calif.-based spaceship builder in connection with a July test-stand explosion that killed three workers.

2008 年 2 月 18 日 15:20 Sat News <http://www.satnews.com/>

Top Stories

Columbus は最終的に Atlantis に搭載されることに

Columbus Finally Gets To Make Journey Aboard Atlantis

The European Space Agency's Columbus laboratory, developed with Thales Alenia Space as the main contributor, has been

successfully launched from the Kennedy Space Center in Florida to the International Space Station (ISS).

契約変更でボーイング\$288M, ロッキード\$210M

Contract Mods For Boeing + Lockheed Martin

Contract modifications to the tune of \$287,997,350 and \$210,429,500 have been awarded to Boeing Launch Services and

Lockheed Martin Space Systems Company, respectively.

THOR 5 打上げもう遅れず、さら到来年 THOR6 を予定

THOR 5 No Longer Delayed Lift-Off! Plus, THOR 6 Planned For Next Year

The THOR 5 satellite was lifted into orbit successfully today at 5:34 p.m. local time (6:34 a.m. EST, 11:34 GMT) from the

Baikonur Cosmodrome.

衛星プロジェクトは Avanti と Inmarsat をいっしょに

Sat Project Brings Avanti + Inmarsat Together

Brit-based Avanti Communications and Inmarsat have joined forces, as the former works to place their first satcom into orbit

ロッキードの衛星通信は大きなマイルストーンを達成

Major Milestone Marked For Lockheed Martin's SatComs

The Lockheed Martin A2100 communications satellite fleet recently achieved a major milestone they accumulated 200

years of successful, in-orbit operations.

スパイ衛星が撃ち落される予定

SpySat To Be Shot On Site

A Navy missile will be fired at the recalcitrant U.S. spy satellite that is heading to Earth in an attempt to reduce the re-entry

remnant to negligible bits.

2008年2月11日 16:47 [Sat News](#) <http://www.satnews.com/>

[Top Stories](#)

Bob Luly, 衛星技術の草分け、30年の経歴、表彰

A True Celebration Of Life Bob Luly, Senior Technical Advisor, atContact

Bob Luly was, without doubt, a true pioneer of modern satellite technology. His experience in satellite systems engineering

spanned more than 30 years.

EHF に関してノースロップがデモを行う

Demo Done By Northrop Grumman For EHF

Northrop Grumman Corporation [NYSE:NOC] has demo'd the interface compatibility of the nexgen Advanced Extremely High Frequency (EHF) military communications satellite with user

ground terminals using the new Extended Data Rate (XDR) waveform and protocols.

Columbus が最終的に Atlantis に搭載されることに

Columbus Finally Gets To Make Journey Aboard Atlantis

The European Space Agency's Columbus laboratory, developed with Thales Alenia Space as the main contributor, has been

successfully launched from the Kennedy Space Center in Florida to the International Space Station (ISS).

ILS 社は THOR5 を打上げ準備

ILS Has THOR 5 Poised, Pumped & Prepped

International Launch Services (ILS) is set to launch the THOR 5 satellite aboard a Proton M/Breeze M launch vehicle.

経理面で言えば Serafina Holdings 社は Intelsat Global 社になる

Financially Speaking... Serafina Holdings To Become Intelsat Global, Ltd.

Intelsat, Ltd. has announced the successful closing of the acquisition of all of the primary equity ownership of its parent, Intelsat Holdings, Ltd. by Serafina Holdings, Limited, an entity

formed by funds advised by BC Partners, Silver Lake and certain other equity investors.

イランは彼らの衛星は研究目的と主張

Iran Claims Their Satellite Is For Research

Gotta keep an eye on this alleged "leader" of Iran... the country has tested a missile that can lift a satellite into space, this

according to the country's state television service.

[Lockheed Martin Press Releases](#) <http://www.lockheedmartin.com/news/>

February 12, 2008 **ロッキードマーチンの製造した A2100 衛星群は軌道上で通算 200 年の累積時間に**

Lockheed Martin-Built A2100 Satellite Fleet Achieves 200 Years In Orbit

http://www.lockheedmartin.com/news/press_releases/2008/0212_a2100200orbit.html

February 04, 2008 **米国防省は Savi の RFID II の契約を 1 年延長し、契約上限を\$60M に**

U.S. Department of Defense Extends Savi's RFID II Contract A Year and Increases Spending Ceiling by \$60 Million

http://www.lockheedmartin.com/news/press_releases/2008/0204_DoDExtendsSaviRFIDIContract.html

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

Feb. 11, 2008 **ボーイング-Insitu の無人機は豪陸軍の運用のサポートで 10,000 飛行時間を達成**

Boeing-Insitu ScanEagle UAV Achieves 10,000 Flight Hours in Support of Australian Army Operations

http://www.boeing.com/news/releases/2008/q1/080211b_nr.html

Feb. 7, 2008 **ボーイングと NASA は新年をシャトルの打上げでスタート**

Boeing and NASA Start New Year with Space Shuttle Liftoff

http://www.boeing.com/news/releases/2008/q1/080207c_nr.html

Feb. 6, 2008 **ボーイングは NASA にもっとも優れた価値を提供すべく Ares I サプライヤになることを求める**

Boeing Courts Ares I Suppliers to Provide NASA with Best Value

http://www.boeing.com/news/releases/2008/q1/080206a_nr.html

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

13-Feb-2008 **ロシアは戦略爆撃機の哨戒を太平洋で実施**

Russia conducts strategic bomber patrols in Pacific

US Navy (USN) fighters intercepted two Russian strategic bombers after one of them circled over an USN aircraft carrier in the western Pacific on 9...

13-Feb-2008 **ロシアはウクライナの NATO へのあこがれを阻止するため、ミサイルの攻撃目標におくかもしれない**

Russia issues missile warning to deter Ukraine's NATO aspirations

Russia may target its offensive missiles at Ukraine should the country join NATO or host part of the US-proposed ballistic missile defence (BMD) shield in...

12-Feb-2008 **Teledyne 社は judson 社の買収を完了**

Teledyne company completes deal to purchase Judson

Teledyne Technologies subsidiary Teledyne Scientific & Imaging has completed the acquisition of United States infrared detector specialist Judson Technologies. After the closing of the...

[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>

[NEWS]

2/15 米偵察衛星 落下前にミサイルで撃墜へ(読,朝,NHK,経)

2/15 若田飛行士 ISS 長期滞在へ 12/4 打上予定(時,毎,経)

2/13 きずな/H2A-14 号機の打上延期(JAXA,時,毎,朝,NHK)

2/13 水星探査機 BepiColombo 2013 年 Soyuz で打上へ(毎,時,NHK)

2/13 スカパー-JSAT が宇宙通信を買収へ(朝,経)

2/11 1134GMT 打上成功:通信衛星 Thor5(Norway),Proton/BreezeM,Baikonur

2/7 1945GMT 打上成功:Atlantis,STS-122(ISS 1E,Columbus モジュール),KSC

[予定]

2/21-23 企画展「うちゅう・奥州にせまる」,メイプル(奥州市)

2/20 1406GMT 帰還:Atlantis,STS-122,KSC

2/17まで 特別展「月-45億年の絆」,佐賀県立宇宙科学館

2/15 講演会 JAXA 吉川真氏「日本の太陽系始原天体探査計画について」,九州大学

2/15 1627-1639JST 打上:超高速インターネット衛星きずな(WINDS), H2A 14号機,種子島

2/11 1134GMT 打上:通信衛星 Thor5(Norway),Proton/BreezeM,Baikonur

[EVENT]

3/15 葛飾区郷土と天文の博物館 星の講演会,3/5 申込締切 JAXA 阪本成一氏,「かくや」が見た月の世界

3/10 第3回 QZSS ユーザーミーティング,東京海洋大学(越中島)

3/9 第2期宇宙連詩完成披露シンポジウム,日本科学未来館

2/22 ALOS セミナー「ALOS の利用と今後の展望」,東京大学生産技術研究所

2/22 募集締切:コズミックカレッジ アドバンスコース,3/26-29,ISAS 相模原, 小6-中3,30名程度

2/21-23 かくや企画展「うちゅう・奥州にせまる」,メイプル(奥州市)

2/15 講演会 JAXA 吉川真氏「日本の太陽系始原天体探査計画について」,九州大学(伊都)

[学会]

3/17-19 衝撃波シンポジウム,東工大(大岡山)

3/11 申込締切:59th IAC(国際宇宙航行会議),9/29-10/3,Glasgow

3/10-11 第3回国際宇宙ステーションロシアサービスモジュール利用 宇宙材料曝露実験国際シンポジウム,エボカルつくば

3/9 日本スペースガード協会 第11回総会,工学院大学

・講演会 JAXA 岩田勉氏「かくや」,JAXA 吉川真氏「はやぶさ2」

3/5 第18回高温エレクトロニクス研究会,ISAS 相模原

2/17 申込締切:37th COSPAR,7/13-20,Montreal,Canada

2/15 平成19年度宇宙科学情報解析センターシンポジウム,ISAS 相模原

2/13-15 第5回 GEANT4 国際宇宙ユーザーズ会議,東大(本郷)

[TV] ディスカバリ・チャンネル他

2/17 1000-1054 NHK-BS2 (再)NHK スペシャル ウェイクアップコール

2/16 1900-2024 BS-i 2008年宇宙の旅 ChapterII 火星

NHK-hi (再)サイエンス・シミュレーション 人類火星に立つ

・2/16 1300-1450 第2集

・2/15 1400-1550 第1集

2/13 1900-1945 NHK-E 地球ドラマチック「月を目指して-アポロ計画を支えた勇気」

[etc.]

新刊 マイク・ミュレイン「ライディング・ロケット(上,下)」化学同人

2/29 締切:あつ!!と驚く位置利用サービスアイデア大募集>衛星測位利用推進センタ

2/25 新刊:「かくや月に挑む」日本放送出版協会

2/22 発売:DVD「MOONLIGHT MILE 2ndシーズン-Touch Down-ACT.2」

[中国宇宙開発] http://dailynews.yahoo.co.jp/fc/world/china_space_exploration/

- 米シャトル、ISS から離脱(時事通信) (19 日 10 時 0 分)
- 発射台に移動した「エンデバー」= 米(時事通信) (19 日 9 時 52 分)
- 「エンデバー」、発射台に移動 = 土井さんらのシャトル - 米(時事通信) (18 日 23 時 0 分)
- 衛星撃墜、「心配してない」= 帰還前の米シャトル船長が会見(時事通信) (17 日 20 時 0 分)
- 米の衛星破壊は20日以降(産経新聞) (17 日 8 時 0 分)
- 米衛星破壊、20日以後に実施(産経新聞) (16 日 15 時 42 分)
- 米衛星破壊 ミサイル発射は20日以後(産経新聞) (16 日 10 時 15 分)
- 有害物質積んだ衛星、来月地上落下の可能性 米、迎撃ミサイル発射へ(産経新聞) (16 日 8 時 0 分)
- 動揺する異星人? = 北京(時事通信) (15 日 12 時 19 分)
- < 米偵察衛星 > 制御不能のためミサイルで撃墜へ 大統領指示(毎日新聞) (15 日 12 時 18 分)
- 米軍、落下衛星を撃墜へ = イージス艦からミサイル発射(時事通信) (15 日 6 時 1 分)
- 宇宙軍備競争禁止条約案、中ロが軍縮会議で共同提出 ジュネーブ(Record China) (13 日 12 時 21 分)
- FBI、中国スパイ2件摘発 米で軍事情報盗む(産経新聞) (13 日 8 時 1 分)
- FBI、中国スパイ2件を同時摘発 米シャトルの機密盗む(産経新聞) (12 日 13 時 55 分)
- ボーイング元技術者、シャトル機密情報など盗んだ疑いで逮捕 = 米司法省(ロイター) (12 日 13 時 30 分)
- 欧州実験棟、ISS に取り付け(時事通信) (12 日 13 時 3 分)
- FBI、中国系米国人らを産業スパイ容疑などで逮捕(読売新聞) (12 日 11 時 18 分)
- 中国向けにシャトル機密盗む = 元航空会社技術者ら逮捕 - 米司法省(時事通信) (12 日 8 時 1 分)
- 五輪だけじゃない! 今年の大イベント神舟7号打上げ(サーチナ・中国情報局) (10 日 22 時 50 分)
- 3月上旬にも地球に落下 = 有害物質の飛散懸念 - 米軍スパイ衛星(時事通信) (8 日 18 時 1 分)
- アトランティス打上げ = 欧州実験棟を搭載 - NASA(時事通信) (8 日 7 時 0 分)



[宇宙開発] http://dailynews.yahoo.co.jp/fc/science/space_exploration/

- 韓国人宇宙飛行士、宇宙ステーションで韓国をPR(YONHAP NEWS) (20 日 15 時 13 分)
- 2010 年宇宙で結婚式を(Business Media 誠) (20 日 10 時 34 分)
- 【韓国】国産航空品の輸出可能に、米と航空安全協定(NNA) (20 日 8 時 0 分)
- < スペースシャトル > 土井さん搭乗のエンデバー、発射台に(毎日新聞) (18 日 22 時 41 分)
- < JAXA > 「きずな」打上げ23日以降に(毎日新聞) (18 日 19 時 10 分)
- 「きずな」打上げ、23 日を目標 = 不具合部品、交換終了 - 三菱重工など(時事通信) (18 日 17 時 0 分)
- 米衛星破壊 ミサイル発射は20日以後(産経新聞) (16 日 10 時 15 分)
- < スペースシャトル > 若田光一さん搭乗、12月4日打上げ(毎日新聞) (15 日 18 時 54 分)
- 若田さん、12月に3度目の宇宙へ(産経新聞) (15 日 13 時 8 分)
- 若田さんシャトル、12月打上げ = 日本人初の長期滞在へ - NASA(時事通信) (15 日 13 時 2 分)

- 落下中の米偵察衛星、国防総省がミサイルで撃墜へ(読売新聞) (15日 10時 59分)
- <宇宙> 太陽系に似た惑星系発見 名大などの国際研究チーム(毎日新聞) (15日 4時 0分)
- 水星探査機、13年打上げへ = 日欧共同開発で - 宇宙機構(時事通信) (13日 18時 31分)
- <超高速インターネット衛星> 「きずな」打上げ延期(毎日新聞) (13日 18時 25分)
- 制御用の燃料が漏れい = 延期のH2A・14号機 - 月内打上げ不透明に(時事通信) (13日 17時 31分)
- H2A14号機、打上げ延期(産経新聞) (13日 13時 2分)
- 宇宙軍備競争禁止条約案、中ロが軍縮会議で共同提出 ジュネーブ(Record China) (13日 12時 21分)
- <JAXA> 超高速インターネット衛星、打上げ延期(毎日新聞) (13日 12時 21分)
- <国際宇宙ステーション> 欧州の有人実験棟設置 (毎日新聞) (13日 12時 19分)
- 「きずな」の打上げを延期 = 制御用燃料充てんできず - 三菱重工など(時事通信) (13日 12時 1分)
- 韓国初の宇宙飛行士、宇宙で世界平和パフォーマンス(YONHAP NEWS) (13日 10時 20分)
- <水星探査機> JAXA、13年の打上げ目指す(毎日新聞) (12日 19時 35分)
- キムチなどの韓国型宇宙食、ロシアの機関が認証(YONHAP NEWS) (12日 14時 9分)
- 航空機が乱気流に巻き込まれ、乗客1人けが(産経新聞) (10日 22時 33分)
- 「きずな」、15日打上げ(時事通信) (9日 15時 6分)
- シャトル打上げ、無事成功(産経新聞) (9日 8時 1分)
- イランが来月、衛星打上げか = 軍事目的を否定 - 駐ロ大使(時事通信) (8日 21時 0分)

[ミサイル防衛] http://dailynews.yahoo.co.jp/fc/world/missile_defense_system/?1181274734

- イージス艦衝突 船と家族と仕事を愛し... 名人の父、まじめな息子(産経新聞) (20日 8時 2分)
- イージス艦と漁船衝突 レーダー探知の死角「魔の時間帯」目視困難(産経新聞) (19日 15時 55分)
- イージス艦と漁船衝突 千葉・野島崎沖 親子2人行方不明 (産経新聞) (19日 15時 55分)
- イージス艦右舷に損傷 あたご側に回避責任の可能性も(産経新聞) (19日 13時 15分)
- 防衛省の対応批判 民主・鳩山(産経新聞) (19日 13時 4分)
- 最新鋭艦の事故に衝撃 = 「捜索に全力」、肩落とす海自幹部(時事通信) (19日 12時 31分)
- イージス艦衝突「常識では考えられない」 待たれる事故原因究明(産経新聞) (19日 12時 12分)
- イージス艦側に回避義務か 右舷に傷確認(産経新聞) (19日 11時 59分)
- 船首部分でも2人見つからず 漁船・イージス艦衝突事故(産経新聞) (19日 11時 37分)
- コソボ独立、英仏独伊が承認表明...スペインは反対(読売新聞) (18日 22時 37分)
- 「ロシアが恐れているのは中国だ」英シンクタンク研究員インタビュー(産経新聞) (17日 13時 11分)
- 有害物質積んだ衛星、来月地上落下の可能性 米、迎撃ミサイル発射へ(産経新聞) (16日 8時 0分)
- クラウス大統領が再選 = チェコ(時事通信) (16日 7時 0分)
- <在日米軍再編> 横田基地で航空総隊司令部の移転推進式典(毎日新聞) (15日 20時 33分)
- <米偵察衛星> 制御不能のためミサイルで撃墜へ 大統領指示(毎日新聞) (15日 12時 18分)
- 落下中の米偵察衛星、国防総省がミサイルで撃墜へ(読売新聞) (15日 10時 59分)
- 露大統領 ミサイル標的と警告 チェコ、ポーランドのMD施設計画に(産経新聞) (15日 8時 2分)
- 欧米との関係改善に意欲 = ロシア大統領が内外記者会見(時事通信) (14日 22時 0分)
- <ロシア> 「新軍拡競争が始まっている」...プーチン大統領(毎日新聞) (9日 18時 34分)
- ロシア長期国家戦略、新たな「軍拡」に対抗 = 大統領、MD 配備・NATO 拡大反発(時事通信) (8日 23時 0分)

[米軍動向] http://dailynews.yahoo.co.jp/fc/world/us_armed_forces/

- 制御不能の米衛星、20日にも撃墜へ...ハワイ沖で退避警告(読売新聞) (20日 11時9分)
- 韓国は北ミサイル攻撃に備え PAC3 導入を、米専門家(YONHAP NEWS) (20日 10時30分)
- 陸軍航空大隊のヘリが墜落、将兵7人が死亡(YONHAP NEWS) (20日 10時17分)
- <米海軍> 偵察衛星をミサイルで撃墜計画 有毒燃料搭載(毎日新聞) (19日 18時12分)
- <イージス艦事故> 防衛省、初動もたつく 失態続き責任論も(毎日新聞) (19日 11時56分)
- 韓米同盟崩壊なら朝鮮半島に冷戦到来も、米アジア研(YONHAP NEWS) (18日 14時12分)
- オスプレイ部品落下 民間空港に不時着(琉球新報) (18日 9時42分)
- <アフガン> 自爆テロで80人死亡 タリバン崩壊後最悪に(毎日新聞) (17日 19時40分)
- 内閣府が業務見直し模索 「知恵の府」へ脱皮目指し(産経新聞) (17日 18時10分)
- 韓国大統領就任式の祝賀特使団、米大統領が発表(YONHAP NEWS) (17日 11時24分)
- 8歳児、手りゅう弾掘り出す = 米軍が爆破処理 - フロリダ州(時事通信) (17日 8時0分)
- 米元駐韓大使、訪朝で北朝鮮説得へ 非核化進展促す(産経新聞) (16日 18時44分)
- 在韓米軍司令官にシャープ統合参謀本部事務局長を指名(読売新聞) (16日 18時0分)
- ライス国務長官、日中韓歴訪 23日から 「6カ国」再開など協議(産経新聞) (16日 15時42分)
- ライス国務長官、23日から日中韓を歴訪...報道官発表(読売新聞) (16日 13時47分)
- 岩国市に補助金交付へ = 新庁舎建設で凍結解除 - 防衛省(時事通信) (16日 13時0分)
- <米国> ライス国務長官が韓中日の3カ国訪問へ(毎日新聞) (16日 11時9分)
- 米国務長官アジア歴訪へ 23日から、北朝鮮の核問題など協議へ(産経新聞) (16日 9時39分)
- 対イスラエル ヒズボラ 幹部暗殺で報復必至 「無制限の戦争」宣言(産経新聞) (16日 8時2分)
- 米国務長官、韓中日歴訪へ = 6カ国協議の打開策など論議(時事通信) (16日 6時0分)
- <在日米軍再編> 容認派が市長当選の岩国市に補助金交付へ(毎日新聞) (16日 2時31分)
- 中独首相、関係正常化を確認 = 「チベット独立不支持」表明(時事通信) (16日 0時0分)
- <在日米軍再編> 横田基地で航空総隊司令部の移転推進式典(毎日新聞) (15日 20時33分)
- 大統領辞任要求で大規模集会 = 比治安当局、最高の警戒態勢に(時事通信) (15日 20時0分)
- <アフリカ外交> ブッシュ米大統領、アフリカ5カ国歴訪へ(毎日新聞) (15日 18時50分)
- 韓米が軍事情報通信技術フォーラムの定期開催に合意(YONHAP NEWS) (15日 17時37分)
- 米原子力空母ニッツ出港 長崎県佐世保(西日本新聞) (15日 17時7分)
- 米国務長官、27日来日(時事通信) (15日 17時1分)
- 早朝から激しい爆音 嘉手納即応訓練(琉球新報) (15日 16時7分)
- イラク撤退期限設定に反対 = 「増派の成果台無し」 - 共和マケイン氏(時事通信) (15日 15時0分)
- <米偵察衛星> 制御不能のためミサイルで撃墜へ 大統領指示(毎日新聞) (15日 12時18分)
- 米下院が対韓軍事協力強化法案提出、兵器調達有利に(YONHAP NEWS) (15日 11時18分)
- 岩国市長 米艦載機移転で防衛相らに要望 (毎日新聞) (15日 10時37分)
- 露大統領 ミサイル標的と警告 チェコ、ポーランドのMD施設計画に(産経新聞) (15日 8時2分)
- 台湾、米国製兵器購入会社を設立(産経新聞) (15日 8時1分)
- 米軍、落下衛星を撃墜へ = イージス艦からミサイル発射(時事通信) (15日 6時1分)
- <岩国市長> 米艦載機移転で防衛相らに要望 (毎日新聞) (14日 21時2分)
- 米海兵隊が再発防止策実施 = 14日から2日間 - 沖縄少女暴行(時事通信) (14日 21時0分)
- 岩国市長、早速防衛相と会談(時事通信) (14日 19時59分)
- 艦載機移転に協力 = 石破防衛相と会談 - 福田・岩国市長(時事通信) (14日 19時1分)
- <ゲーツ米国防長官> 自宅前で転倒、骨折 (毎日新聞) (14日 10時7分)

- 駐留国が要求すれば米軍は撤収、米ホワイトハウス(YONHAP NEWS) (14日10時2分)
- 共和党・マケイン氏首都圏戦制す 対オバマ氏へ照準(産経新聞) (14日8時1分)
- <レバノン>ヒズボラ幹部暗殺される(毎日新聞) (13日19時29分)
- マケイン氏首都圏戦制して、オバマ戦線へ舵切り 米大統領選(産経新聞) (13日18時12分)
- <領空侵犯>露同型機が米空母の上空飛行し艦載機が緊急発進(毎日新聞) (13日12時27分)
- ニミッツが佐世保入港 米原子力空母 通算9隻目(西日本新聞) (13日10時19分)
- 9・11テロ犯起訴 米国防総省、極刑要求(産経新聞) (13日8時1分)
- 露機が米空母挑発 領空侵犯と同じ、一時緊迫(産経新聞) (13日8時1分)
- 露爆撃機、米空母には挑発行動 領空侵犯と同じ9日に(産経新聞) (12日19時47分)
- 次期在韓米軍司令官にシャープ統合参謀事務局長内定(YONHAP NEWS) (12日16時50分)
- ブット氏、事前に暗殺情報入手 = パキスタン大統領に「通報」(時事通信) (12日15時1分)
- <米国>今夏以降のイラク駐留米軍撤退は中断(毎日新聞) (12日9時56分)
- ロシア軍機、米空母に異常接近 = 西部太平洋 - 米メディア(時事通信) (12日9時0分)
- 車爆弾で19人死亡 = 米TVの2人拉致される - イラク(時事通信) (12日7時0分)
- 同時テロ主犯格に死刑求刑へ = 特別軍事法廷に公判請求 - 収容の6人・米国防総省(時事通信) (12日2時0分)
- 米国防長官、イラク撤退一時停止も = ペトリアス司令官案支持(時事通信) (11日20時0分)
- 東ティモールに軍部隊増派 = 豪(時事通信) (11日16時0分)
- 給油管収納せず KC130、嘉手納に緊急着陸(琉球新報) (11日11時39分)
- PKOに積極参加 高村外相、安保国際会議で表明(産経新聞) (11日8時1分)
- アフガン増派問題で独仏に苦言 = 「戦う意志ない国ある」 - 米国防長官(時事通信) (10日22時0分)
- <ゲーツ米国防長官>アフガン増派でNATO結束呼びかけ(毎日新聞) (10日20時7分)
- <ドイツ>アフガン増派に動揺...ミュンヘン安保会議で議論(毎日新聞) (10日2時31分)
- 追い詰められ新戦術採用か = 要員不足で子供利用? - イラクのアルカイダ(時事通信) (9日15時0分)
- 追い詰められ新戦術採用か(時事通信) (9日15時0分)
- 将来、ヘリ訓練も ハンセン共同使用で防衛省(琉球新報) (9日10時19分)
- 防音助成区域の拡大を W値分布見直して防衛局に要請(琉球新報) (9日10時9分)
- 米大統領選 政治資金レース異常過熱 両党の総額、前々回実績突破(産経新聞) (9日8時1分)
- 【緯度経度】ワシントン・古森義久 マケイン氏 日本観の軌跡 (産経新聞) (9日8時1分)
- <米國務長官>来日の見通し 26日にも首相と会談(毎日新聞) (9日2時31分)
- <米大統領選>民主の焦点「どちらがマケイン氏に勝てるか」(毎日新聞) (9日1時2分)

[核兵器] http://dailynews.yahoo.co.jp/fc/world/nuclear_weapons/

- 「金次官、現状を難関と表現せず」訪朝のヒル次官補(YONHAP NEWS) (20日15時10分)
- 韓国の途上国援助、06年は40%減の4.5億ドル(YONHAP NEWS) (19日15時42分)
- 米朝首席代表が北京で電撃会合、核計画申告を論議(YONHAP NEWS) (19日15時28分)
- 唐國務委員、20日に来日 = 外務省が発表(時事通信) (18日19時1分)
- パキスタン総選挙、投票開始(産経新聞) (18日16時5分)
- 韓米同盟崩壊なら朝鮮半島に冷戦到来も、米アジア研(YONHAP NEWS) (18日14時12分)
- 有事「地下鉄に避難」身近な“要塞”消防庁構想(産経新聞) (17日8時0分)
- 中国が「6か国」再開へ北を説得...「米政権交代なら難しく」(読売新聞) (17日3時6分)
- 有事の際は「地下に避難」身近な“要塞”消防庁構想(産経新聞) (16日22時57分)

- 米衛星破壊 ミサイル発射は20日以後(産経新聞) (16日10時15分)
- 北朝鮮 非核化プロセス合意1年...米朝対立膠着続(産経新聞) (14日8時1分)
- 北朝鮮 非核化プロセス合意1年...「同時履行」進展阻む北の論理(産経新聞) (14日8時1分)
- 北核合意から1年 初期段階完了も協議再開の見通し立たず(産経新聞) (13日19時7分)
- 韓米関係に新たな枠組みを、李明博次期大統領(YONHAP NEWS) (13日15時2分)
- 新政権は国軍捕虜問題と北朝鮮支援を連携、柳宗夏氏(YONHAP NEWS) (13日14時44分)
- 社会的入院、「追い出すわけではない」(医療介護情報 CB ニュース) (12日17時26分)
- 大統領襲撃、厳しく非難 = 東ティモール政府を全面支持 - 国連安保理(時事通信) (12日9時0分)
- <ノーベル賞> 広島、長崎市長を平和賞候補に NGO推薦(毎日新聞) (11日2時32分)
- <イラン> 欧米と対立の火種 新分離機実験(毎日新聞) (11日2時31分)
- 「太陽政策は失敗」北朝鮮民主化ネットワーク理事長インタビュー(産経新聞) (10日22時16分)
- 総選挙まで1週間 - パキスタン(時事通信) (10日20時33分)



パキスタン人民党ザルダリ共同総裁

- 韓中関係は新たなスタート地点に、駐韓中国大使(YONHAP NEWS) (10日15時0分)

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

2/18 「ニュース」更新

新戦車を初公開 /// 技本・陸上装備研究所

新戦車 空陸一体で作戦可能 /// 敵映像 車内モニターに /// 友軍とネットで情報共有

航泊日誌は永久保存 /// 文民統制検討委 /// 文書管理の教育徹底

20年度防衛費 重要施策を見る(4) /// P-1哨戒機4機初調達 /// BMD対応 イージス改修を継続 /// 海上自衛隊

また少女暴行事件 沖縄の米海兵隊員 /// 再編協議に影響も

露軍機が領空侵犯 /// 伊豆諸島南部

バーレーン外相が来日 /// 「日本は湾岸安定の柱」石破大臣と意見交換

米戦場監視旅団と共同訓練5普連基幹

19年度救難戦技競技会 /// “脅威”の想定下、洋上で遭難者救出 /// 空自10個救難隊が参加 浜松救が総合優勝

“カメラ”建設急ピッチ /// 新固定式警戒管制レーダー BMDの“目”担う

「C-130」初の女性機長 /// 1輸空隊・樋口美登里3佐 イラクを飛び腕磨く

2/15 「コラム」更新

・朝雲寸言 /// ・首相のソフト路線 /// ・米大統領選指名争い

2/13 「ニュース」更新

取得改革PT /// 海外メーカーの見積書提出 /// 4月から義務付け 装備価格、厳しく審査

武山にPAC3配備

倫理規程順守 /// 429人調査、違反3人 /// 特別防衛監察終わる

特別防衛監察の状況について /// 防衛省

統・3自の連携など演練 /// 防衛省で統合演習

20 年度防衛費 重要施策を見る(3) /// 効率化さらに推進 /// 小銃・車両など一括調達 /// 陸上自衛隊
「震災時の役割」討議 /// 19 年度防衛医学セミナー /// 石原都知事も講演
防災機器勢ぞろい /// 震災対策技術展 /// 陸自も車両など展示
GPS 付き携帯電話 /// 大臣以下の高級幹部 /// 今月中にも所持 休日の所在把握へ
“武装工作員”を包囲・制圧 駒門駐屯地 /// 1師団 /// 静岡など3 県警と治安出動時の連携演練
空自向けKC - 767 空中給油機 /// 夜間給油試験に成功 /// 3 月納入へ
日本のテロ対策 /// - - 北海道洞爺湖 G8 サミットに向けて /// 平和・安全保障研究所 /// 前号から続く

[民間航空機関連 (ex-SJAC 三輪さん)]

DL(0219)

ボーイング 787 生産計画 3 月末までに再度見直し

Boeing sticks with current production schedule for 787

Boeing officials say they are waiting until the end of the first quarter to finish the production plan for the 787. The company reaffirmed its current production schedule but would not rule out further delays for the jetliner, which has been delayed twice so far. Boeing on Tuesday announced more than \$6 billion in orders for other planes at the Singapore Air Show. Some Boeing customers say they will seek compensation for delays. The Wall Street Journal (subscription required) (2/19) , The New York Times/Reuters (2/19)

軍用輸送機の輸出商談で 米国とインドの関係改善

Defense contracts demonstrate improved ties with India

India's recent agreement to purchase military transport planes from Lockheed Martin demonstrates that relations between the U.S. and India have improved. Boeing and Lockheed Martin are competing for a \$10 billion contract to sell fighter jets to India, along with four non-U.S. companies. Cooperation between India and the U.S. would continue to improve if a U.S. company wins the contract, observers say. The Washington Post/Bloomberg (2/19)

スイスの航空冒険家ベルトラント・ピカール 太陽光飛行機の開発費を集める

Adventurer seeks more funding for solar plane

A Swiss adventurer has started building a solar plane that he says will be able to fly around the world. Bertrand Piccard said he needs more funding to build the plane. He has already partnered with a group representing airlines. "What we need now is to have the second part of the funding, for the second airplane to fly around the world. So we're looking for other partners, if possible in Asia or America," Piccard said. Associated Press (2/18) , The New York Times/Associated Press (2/18)

A380 シンガポール航空 燃料タンクに問題ありとして、シドニー便をキャンセル

Fuel pump problem forces airline to cancel A380 flight

A fuel pump defect forced Singapore Airlines to cancel an A380 flight. The airline detected the problem, the first major technical glitch with the plane, when the plane's engine was started before a flight from Singapore to Sydney. The Wall Street Journal/Dow Jones Newswires (subscription required) (2/19) , USA TODAY/Associated Press (2/19)

デルタ、ノースウエスト航空 経営者ボードで合併につき 20 日採決にはいる

Delta, Northwest board expected to vote on merger

The boards of Delta Air Lines and Northwest Airlines are expected to meet on Wednesday to vote on a proposed merger agreement,

according to media reports. The two airlines have yet to reach an agreement with their pilot groups on how to establish a single contract and a process for integrating their seniority lists. The airlines hope to reach an agreement with the pilot groups before announcing a plan to merge. Bloomberg/ClipSyndicate (2/19) , The Wall Street Journal (subscription required) (2/19) , The New York Times (2/19) , The Atlanta Journal-Constitution (free registration) (2/19)

エアラインの生産性向上努力も 高騰する燃費で相殺される

Soaring fuel offsets increased productivity at airlines, group says

Soaring fuel prices continue to hurt airlines, despite efforts by the carriers to prepare for an economic slowdown, according to a group representing airlines. Labor productivity has increased 64% since 2001, sales and marketing costs have declined 25%, and non-fuel unit costs have dropped 16%. The New York Times/Associated Press (2/18) , Financial Times (subscription required) (2/18)

格安航空会社 ビジネス客層へ新展開

Column: Discount carriers make push for business travelers

Some discount airlines are taking steps to attract more business travelers as they face slowing growth and higher costs, the Wall Street Journal's Scott McCartney writes. JetBlue Airways recently began offering refundable fares, and Southwest Airlines has created a new fare for business travelers who want to purchase the best seats, he writes. The Wall Street Journal (subscription required) (2/19)

SmartQuote

"Obstacles are those frightful things you see when you take your eyes off your goal."

--Henry Ford, founder of Ford Motor Co.

目標から目を離したときに、見えてくる見たくないもの これが障害となる。

フォードモーター社創立者 ヘンリー・フォード

DL(0218)

空中給油機の発注は 複数社へ分割発注の考え

Air Force could eventually split tanker order, official says

An Air Force official Friday said the company that wins the initial contract for aerial refueling tankers will not necessarily receive all future business. Air Force Lt. Gen. Donald Hoffman said the Air Force now has "three separate buys" as its acquisition strategy. He said the Air Force might split the second and third buys between different companies. Seattle Post-Intelligencer/Bloomberg (2/16)

インド 軍用輸送機をロッキード C-130 6機購入

Lockheed lands military transport contract from India

Lockheed Martin has received an order for six Super Hercules C-130J military transport aircraft from India. The order is worth about \$1 billion. The company is also competing for a contract to provide the Indian military with fighter jets. BBC (2/18)

ヒラリー・クリントン候補 オハイオ地区でロッキード労働者に米国内の仕事堅持を約束

Clinton speaks to Lockheed workers, promises to keep jobs in U.S.

Democratic presidential candidate Sen. Hillary Clinton recently told Lockheed Martin workers that she would take steps to create more jobs and opportunities in the U.S. She noted that some defense technology created in the U.S. has been outsourced to other countries. Ohio.com (2/16)

航空事故につながるニアミス報告が民事訴訟につながるなら、パイロットたちは本当のところは語らない

Judge's ruling threatens safety reporting plan, carriers say

Some experts say a recent order by a federal judge may make pilots and other workers reluctant to file voluntary incident reports. The order requires a regional airline to provide pilot incident reports to families suing the carrier over a fatal 2006 crash. The Air Transport Association and Southwest Airlines have filed motions asking the judge to reconsider the ruling. "Quite simply, if airline industry personnel know that filing an ASAP report has the potential to embroil them in civil litigation, they will be much less likely to report potential safety problems," Southwest's lawyers wrote. The Washington Post (2/16)

コンチネンタル、アメリカン、ユナイテッドが合併の協議にはいる

Continental in talks with American, United, reports say

Continental Airlines is in merger negotiations with American Airlines and United Airlines, according to media reports. The talks with American are exploratory and come as Delta Air Lines and Northwest Airlines get closer to reaching a merger agreement, reports say. Carriers hope to reach merger agreements soon, before the Bush administration leaves the White House. The Wall Street Journal (subscription required) (2/16) , The Dallas Morning News (2/16) , The Washington Post/Reuters (2/15)

デルタ、ノースウエスト合併 今週中にも発表

Delta, Northwest may announce merger plan this week

Delta Air Lines and Northwest Airlines could announce a plan to merge later this week, but any deal would be likely to face close scrutiny from regulators and lawmakers. Delta's board is expected to consider a merger plan on Wednesday, and pilots at both carriers are negotiating a plan to merge their seniority lists. The Atlanta Journal-Constitution (free registration) (2/16) , Detroit Free Press (2/18)

エアライン合併における労働組合の果たす役割

Blending labor groups won't be easy for airlines, experts say

Merging airlines must effectively blend their workforces for consolidation to work, experts say. Union leaders note that they have significant leverage over mergers in the industry. They say they want to make sure seniority is preserved, and they are pushing for pay increases. Chicago Tribune (free registration) (2/17) , The Atlanta Journal-Constitution/Cox News Service (free registration) (2/16) , The Atlanta Journal-Constitution (free registration) (2/16)

SmartQuote

"Service is the rent we pay for being. It is the very purpose of life, and not something you do in your spare time."

--Marian Wright Edelman children's activist

サービスとは、あなたが存在することへの賃料である。まさに人生の目的そのものであって、暇なときに行うようなものではない。

児童活動家 マリアン・ライト・エーデルマン

DL(0214)

議会および国防省で F-15 後継の議論

Lawmakers, DOD officials debate replacement for F-15

House Democrats and Deputy Defense Secretary Gordon England are at odds over which fighter jet the Air Force should use to replace the aging F-15. England favors replacing grounded F-15s with the F-35 Joint Strike Fighter. However, some lawmakers support buying more F-22 Raptors, noting that the plane's production line is already running. Defense News (2/13)

空軍 F-22 380機予算の予定

Air Force will find a way to fund 380 F-22s, official says

The Air Force will find a way to purchase 380 F-22 Raptors despite a cap of 183 set by the Pentagon, Air Force Gen. Bruce Carlson

said. "We're committed to funding 380," Carlson said. "We're building a program right now to do that. It's going to be incredibly difficult on the Air Force, but we've done this before." AviationWeek.com (2/13)

ボーイング KC-767 空中給油機 FAA の型式証明取得

FAA grants Boeing additional certification for refueling tanker

Boeing has received additional FAA certification for its KC-767 aerial refueling tanker. The certification will allow the company to deliver the tanker to Japan by the end of March. Boeing also plans to sell the plane to Italy. Bloomberg (2/13)

ボーイング インドとの合弁会社発足 (Tata 航空宇宙へ進出)

Boeing forms joint venture with Indian firm

Boeing and Tata Industries have formed a joint venture company to build parts for fighter jets and helicopters in India. The partnership will give Boeing access to Tata's manufacturing plants in India, and it will give Tata more exposure to the global aerospace industry. CNNMoney.com/Dow Jones Newswires (2/14)

ノースウエスト デルタ 合併にむけ大きく前進

Northwest, Delta agree on major merger terms, reports say

The combination of Delta Air Lines and Northwest Airlines would be based in Atlanta and keep the Delta name, according to media reports. Delta CEO Richard Anderson would run the merged airline, and Air France-KLM Group would invest in the carrier in exchange for a board seat. Delta, Northwest and Air France declined to comment on the reports. Houston Chronicle/Bloomberg (2/13) , USA TODAY (2/14) , Yahoo!/Reuters (2/13) , The Atlanta Journal-Constitution/Cox News Service (free registration) (2/14)

両社の機械工組合が合併に懸念表明

Machinists raise concerns about possible mergers

Some union leaders say they are concerned that the possible merger of Delta Air Lines and Northwest Airlines would "de-unionize" the transportation industry. Robert Roach, general vice president of the International Association of Machinists, also said the union thinks that mergers would hurt consumers. The Street.com (2/13)

滑走路でのニアミス件数2007年大幅に増えた

Runway incursions increase substantially in 2007

A Government Accountability Office report found that serious runway incidents increased substantially in the last three months of 2007. Meanwhile, witnesses testifying before a House subcommittee said that the FAA is taking steps to address the issue. Ten incidents were reported in 2007, compared with two in the same quarter of 2006. The total number of runway incursions in 2007 was 370, a new record and a 12% increase from 2006. ABC News (2/13) , The Courier-Journal (Louisville, Ky.) (2/14) , Aviation Daily (2/14)

無人機の航空域への影響 AIAで審議

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](#).

[SmartQuote](#)

."For hope is but the dream of those that wake."

--Matthew Prior, English poet and diplomat

希望とは何時か目覚めなければならぬ人の夢である

英国詩人・外交官 マシュー・ブライオー

DL(0213)

ロッキード テロ対策の一環で FBI の情報管理システム受注

Lockheed lands \$1B contract to build FBI database

Lockheed Martin has won a \$1 billion contract to build a database that will contain biometric information for the FBI. The one-year contract contains nine one-year options. The new database will allow the FBI to share anti-terrorism information with domestic and international partners. CNNMoney.com/Associated Press (2/12)

海軍むけスパイ機の発注決定間近い

Navy will announce winner of spy plane contract in March

Northrop Grumman, Boeing and Lockheed Martin are competing for a contract to build a new Navy spy plane. The Navy has said it will announce the winner of the contract, which is worth \$3.1 billion, in March. Northrop has indicated it will hire more workers at its Long Island facility if it wins the contract. Newsday (Long Island, N.Y.) (2/13)

海軍 艦艇搭載させる無人ヘリコプタを新登場

Navy may debut unmanned rotorcraft on a different warship

The Navy may debut Northrop Grumman's MQ-8B Fire Scout unmanned rotorcraft on a different air-capable ship if the Littoral Combat Ship program faces delays, a Navy official said. The Navy has canceled the third and fourth ships in the LCS program, and defense spending for 2009 could also cut the number of ships purchased. Defense News (2/12)

ボーイング 777-200 インドネシアガルダ航空から10機受注

Boeing may land 777-200 orders

Boeing may announce an order from Garuda Indonesia for 10 777-200ERs at next week's Singapore Air Show, according to media reports. The carrier will use the planes to expand in Europe. Air Transport World (2/13)

エアラインの統合は乗客にとって有利であると US エア航空

Consolidation will be good for consumers, US Airways CEO says

The financial success of the merger of US Airways and America West has convinced other carriers to consider consolidation, US Airways CEO Doug Parker said. In a Q-and-A with U.S. News & World Report, Parker said the airline is currently too fragmented to be profitable. "There's been room for too many hub-and-spoke carriers, which has meant too many redundant hubs," he said. "People talk about monopolies, but I think consolidation will be good for consumers, because we'll have more healthy carriers." U.S. News & World Report (2/12)

ボーイング インド向け航空機需要順調

Demand for jetliners in India will remain steady, Boeing says

Boeing said it expects to deliver fewer planes to Indian customers in 2008, and it expects growth in the market to be "slow and steady," said Dinesh Keskar, Boeing senior vice president for commercial plane sales. Boeing expects to deliver 30 jetliners in India, down from 45 in 2007. Reuters (2/13)

FAA 滑走路安全システムを近く承認

FAA expects to certify new runway safety tools soon

The FAA is accelerating the certification process for some electronic displays that provide commercial pilots with detailed runway information. It expects to certify a Boeing system that uses global positioning technology soon. Forbes/Associated Press (2/12)

デルタ航空の現在の CEO は合併後の会社にとどまるものとみられる

Delta CEO would refuse millions in merger compensation

The chief executive of Delta Air Lines said he will not take change-in-control compensation that he would be entitled to if the airline merges with another carrier. The move indicates that Richard Anderson plans to stay with Delta after a potential merger. Under his contract, he is eligible for up to \$15 million in stock and other benefits, and that compensation would vest immediately if the airline merged with another carrier. The Wall Street Journal (subscription required) (2/13) , The New York Times/Reuters (2/13)

S 米国と中国 宇宙レースへ突入

S U.S., China may embark on space race

China and the U.S. are entering the early phases of a space race. Both have announced plans to return to the moon by 2020. The Chinese space program is far behind that of the U.S., but some observers say recent attempts by China to access U.S. space technology are related to plans to upgrade its military. TIME (2/13)

SmartQuote

"Long shots do come in, and hard work, dedication and perseverance will overcome almost any prejudice and open almost any door."

--John H. Johnson, publisher

どんなに大胆で勝ち目のない企てでも、がんばって忍耐することでほとんどの偏見を打破り克服でき、これによりほとんどのドアを開けることができる。

出版人: ジョン H・ジョンソン

(DL0212)

F-35 プログラムの初期にありがちな諸問題

Lockheed says F-35 program remains on track

Some analysts believe funding for the F-35 Joint Strike Fighter may decline if Lockheed Martin does not improve execution of the program. They also cite recent problems with an engine that Pratt & Whitney is developing for the plane. Lockheed says the aircraft is on track and that it is working to manage costs. Other analysts note that engine issues are common during this stage of aircraft testing. Reuters (2/11)

空中給油機 2月22日にも最終的受注会社決定なるか

Anticipation increases for Air Force tanker contract

The Air Force is expected to award a contract for new refueling tankers as soon as Feb. 22, observers say. The contract is likely to be one of the largest military contracts awarded over the next 25 years. Boeing is competing for the contract against a team led by Northrop Grumman and EADS. The contract could be worth more than \$125 billion when parts and maintenance are included. Chicago Tribune (free registration) (2/12)

ロンドンでの事故 冷寒期における燃料システムの改善の必要性を示唆

London accidents prompt carriers to reevaluate fuel systems

Two large U.S. airlines are improving efforts to prevent ice from accumulating in the fuel systems of their jetliners. In the U.K.,

investigators are still looking into whether ice crystals may have clogged the fuel system of a jetliner that crash landed near London in January. United Airlines is reassessing certain quality-control systems, and American Airlines is determining whether a different type of jet fuel could better withstand cold temperatures. The Wall Street Journal (subscription required) (2/12)

ボーイング 中東からの受注100機を期待

Boeing expects up to 100 orders from Middle Eastern customers

Boeing expects to book orders for up to 100 planes from customers in the Middle East in 2008, said Lee Monson, Boeing's senior vice president for commercial airplanes. Arab airlines expect to boost their fleets by nearly two-thirds by 2015. Tulsa World (Okla.) (2/12)

デルタ・ノースウエスト 組合に対して当面の合併詳細計画を提示

Delta, Northwest present tentative merger details to unions, reports say

Pilot union officials at Delta Air Lines and Northwest Airlines are reviewing a proposed merger agreement, according to media reports. The two union groups are discussing how they would establish a combined seniority list if the two airlines combine. Experts say gaining support from unions is a key component of a successful merger. The Detroit News (2/12)

欧州系エアライン各社 携帯電話機内通話を可能にする技術導入

European carriers start to embrace mobile devices

European airlines are installing technology on their jetliners that makes it easier for travelers to safely make cell phone calls and send text messages. Passengers on a recent Air France flight were recently the first to text message during a flight. The Wall Street Journal (subscription required) (2/12)

航空機メンテナンス規則強化を要求するグループ

Groups push for more regulation of aircraft repair facilities

Some groups are calling for stricter regulation of aircraft repair facilities and for airlines to increase their reliance on in-house mechanics. Legislation passed last year requires the FAA to inspect certified overseas repair facilities at least twice annually. The Wall Street Journal/Dow Jones Newswires (subscription required) (2/11) , The Philadelphia Inquirer (2/11)

パイロットー管制塔との交信傍受できるチャンネル9の功罪

Column: United's Ch. 9 lets travelers listen in on cockpit, controllers

Aviation buffs and frequent travelers on United Airlines often listen to Channel 9, the audio feed of communications between pilots and air-traffic controllers, writes Scott McCartney in the Wall Street Journal. However, some pilots say the Channel 9 allows travelers to monitor their performance and become unnecessarily alarmed if they miss radio calls from controllers. The Wall Street Journal (subscription required) (2/12)

エアバス受注 今年の滑り出し好調

Airbus books 283 orders in January

Airbus booked orders for 283 aircraft last month, the jetmaker said in a statement. Boeing booked 65 orders in the same period, according to its Web site. Airbus has said it expects orders for about 700 jetliners this year. The Wichita Eagle (Kan.)/Bloomberg (2/11)

S アメリカの宇宙開発の将来計画について、本日(2月12日) スタンフォード大学でフォーラム開催

S Experts meet at Stanford to discuss U.S. vision for space

Space experts from NASA, academia, and the space industry are meeting today to discuss plans by the U.S. to return to the moon by

2020 and to eventually send humans to Mars. Observers anticipate that the next administration will have a vision for space exploration different from that of the Bush administration, and they also note that it will address the drain of science resources in the U.S. "We are in a double bind," says G. Scott Hubbard, a co-host. "As a nation we cannot abandon human exploration to other countries, nor can we further consume the remaining science budget and relinquish our roles in Earth observation, solar system exploration and space astrophysics." The New York Times (2/12)

S ロシア-中国間で、宇宙での武器使用禁止条約

S Russia-China treaty would ban use of weapons in space Agence France-Presse (2/12)

SmartQuote

"Olympism is a doctrine of the fraternity between the body and the soul."

--Pierre de Coubertin, founder of the modern Olympics

オリンピック精神とは、身体と精神の融和を目指すものである

近代オリンピック創始者 ピエール・ド・クーベルタン

DL(0211)

国防予算 重点2案件 F-22とC-17

Budget proposal raises questions for two key weapons programs

The DOD's budget request for fiscal 2009 creates major questions for the future of the Lockheed Martin **F-22** Raptor fighter jet and the Boeing C-17 transport. The budget does not include funding for future **F-22** purchases or to shut down production of the aircraft. Experts also say that without funding from the war supplemental funding bill, Boeing may stop funding its C-17 transport line. Aviation Week & Space Technology (2/10)

国防予算上昇続く 関連企業も予想外

Defense budget continues to grow, surprising some observers

The defense spending proposal made by the Bush administration last week will fund some of the nation's largest weapons programs, and it indicates that defense firms will continue to post strong profits this year. "The expectation has been that it can't continue to increase as it has," Phil Finnegan, a defense analyst at the Teal Group. "But it has surprised everyone to see how long this increase has continued. This budget was a great budget for all defense contractors." The Washington Post (2/11)

DARPA 自律飛行システム開発第二段階へ

DARPA moves into next phase of automated ATC project

DARPA has approved the second phase of a research project aimed at automating air traffic control. It awarded a contract to Lockheed Martin to develop an artificial intelligence system that will assist air traffic controllers. Flight International.com (2/11)

F-15 事故調査 メーカー責任へ動くか

Air Force investigates F-15 accident to determine liability

The Air Force is continuing to investigate defective parts on the F-15 Eagle aircraft fleet to determine whether Boeing should be held liable, a top official said. The Air Force grounded the fleet after an accident in November in which the front section of the plane broke off. Seattle Post-Intelligencer (2/8)

民間機もバイオ燃料使用が5年以内に可能とボーイング社

Commercial jets may fly on biofuel in five years, Boeing says

Regular commercial jet service could be operating on "second-generation" biofuels within five years, Boeing said. Head of Environmental Strategy Bill Glover noted that biofuel will have a significant impact on the carbon footprint of aviation within the next decade. Air Transport World (2/11)

エアラインの燃料費高騰対策

Airlines turn to efficiencies to offset soaring fuel

Carriers are searching for ways to become more efficient to offset the soaring price of jet fuel. Alaska Airlines recently realigned its schedule between Seattle and several California cities to attract more business travelers. Meanwhile, JetBlue is focusing on boosting revenue through fees and its refundable fares. Reuters (2/11)

デルタ・ノースウエスト合併の第一関門としてパイロット組合との契約統一化

Delta, Northwest focus on common labor agreement for pilots

Delta Air Lines and Northwest Airlines are trying to create a common labor agreement for pilots at both carriers as they negotiate a potential merger agreement, according to media reports. The union is also involved in the talks, which could lead to better contract terms for pilots at both airlines. Reports also say the airlines may finalize the proposed deal within weeks of sharing it with their pilot unions. The Wall Street Journal (subscription required) (2/9) , The New York Times/Reuters (2/11) , Bloomberg (2/11)

デルタ航空乗員組合 結成に向け仲裁委員会(NMB)へ申請

Union will ask NMB to hold vote for Delta attendants

A union that is attempting to organize Delta Air Lines flight attendants said it will file representation cards with the National Mediation Board. After the NMB verifies the cards, it will hold an election among the flight attendants. A Delta spokeswoman said the union would take in more than \$6 million in dues from the flight attendants and that the workers are more highly paid than those represented by the union. The Cincinnati Enquirer (2/10) , Reuters (2/11)

S 国際宇宙ステーションへ欧州実験棟コロムブスを据付

S Astronauts will install European laboratory on space station

A pair of American astronauts will install Europe's Columbus laboratory on the International Space Station. After the installation, the European Space Agency will be a full partner in the station. Florida Today (Melbourne) (2/11)

SmartQuote

"The best way to have a good idea is to have lots of ideas."

--Linus Pauling, Nobel Prize-winning scientist

いいアイデアに到達するベストウェイはいろんな考えを多く持つことである。

ノーベル科学賞受賞者 ライナス・ポーリング

DL(0208)

デルタ、ノースウエスト航空合併に向けてさらに進展

Reports: Delta-Northwest talks move ahead

Talks between Delta Air Lines and Northwest Airlines are continuing to move at a rapid pace, according to media reports. Reports say the merged carrier would be based in Atlanta and retain the Delta name. Delta CEO Richard Anderson would lead the combined airline, reports say. Meanwhile, House Transportation and Infrastructure Committee Chairman James Oberstar, D-Minn., said he will oppose any merger because he believes it would reduce jobs and lead to higher fares. ClipSyndicate (2/8) , The Detroit News (2/8) , The Cincinnati Enquirer (2/7) , Detroit Free Press/Associated Press (2/8) , Daily Herald (Chicago) (2/8) , CNNMoney.com/Associated Press (2/7)

エアライン合併の動きは消費者にとり好ましいか？

Merging airlines will face major challenges

Mergers among major airlines will face regulatory obstacles and challenges involved with integrating workforces, observers say. But some experts also note that mergers could be positive for consumers if the airlines transition to a lower cost structure and consolidate operations effectively. The Wall Street Journal (subscription required) (2/8)

ボーイング 737 の増産計画

Boeing considers boosting 737 production

Boeing is considering boosting production of its 737 jetliners to meet demand. Scott Carson, chief executive of Boeing's commercial airplanes division, said the company is also studying whether its supply chain and factories can support higher production levels. The Street.com (2/7)

エアバス 2026年までに新規需要として少なくとも2万4千機を予想

Airbus exec: Airlines will need at least 24,000 new planes by 2026

Airlines around the world will need 24,300 new aircraft between now and 2026, Airbus Chief Operating Officer-Customers John Leahy said. Airbus expects airlines and lessors to take an average of 1,215 jetliners per year, up from the 1,130 previously forecast. Air Transport World (2/8) , The Herald (Everett, Wash.) (2/8)

欧州の航空機の環境対応策推進

Europe launches initiative to cut emissions

The EC hopes a new public-private partnership launched this week leads to environmentally friendly aviation technology. Airbus and Rolls Royce are among the companies participating in the initiative, which has the goals of cutting emissions of carbon dioxide by 50%, nitrogen oxide by 80% and noise pollution by 50% by 2020. BusinessWeek (2/7)

新しい航空管制システムに必要な新ソフト開発 FAA の予算規模は過少

FAA underestimates cost of new ATC system, analysis says

An independent analysis found that government has underestimated the amount of funding needed to establish and transition to a satellite-based air traffic control system. The analysis estimates that the cost of developing new software for the system could be more than \$50 billion. The FAA has said the new system would cost between \$15 billion and \$22 billion. MSNBC/Associated Press (2/7)

S アトランティス打上げ(現地時間2月7日)で 欧州実験棟が搬送

S Atlantis launches, carrying European lab to space station

After months of delays, Atlantis successfully launched on Thursday. The shuttle is carrying a science laboratory that astronauts will install on the International Space Station. The European laboratory will expand the zero-gravity experiments in biology, fluid physics and physiology at the space station. Associated Press/ClipSyndicate (2/7) , Bloomberg (2/7)

SmartQuote

"Do not seek to follow in the footsteps of the men of old; seek what they sought."

--Matsuo Basho, Japanese poet

古人の足跡を追うのではなく、彼らが求めたものを探すべき。

日本の詩人 松尾芭蕉

DL(0207)

ボーイング 787 初フライト 第二 Q 期の可能性あり

Second-quarter flight remains realistic for 787, Boeing executive says

The Boeing 787 supply chain is working through problems quickly, and it remains possible that the plane will make its first flight by the end of the second quarter, Boeing Commercial Airplanes President Scott Carson said. "We think we've told you the truth and that we will fly in June," Carson said at an investor conference. "I would caution that 'June' could mean the first week of July or the third week of June. Weather could have an effect." Air Transport World (2/7) , The Wall Street Journal/Dow Jones Newswires (subscription required) (2/6)

FBI の生体情報管理システムで、航空宇宙産業や IBM が応札競合

Defense firms, IBM compete for FBI database contract

The FBI is expected to award a contract to build a database for fingerprints and other biometric information this week. Lockheed Martin, Northrop Grumman and IBM are competing for the multibillion-dollar contract. The database will help the FBI share anti-terrorism data and efforts with domestic government offices and international partners. Associated Press (2/6)

ゲイツ長官 将来コンバットシステムの予算カットを示唆

DOD may scale back Future Combat System

Defense Secretary Robert Gates on Wednesday said the F-22 Raptor production line will remain open but the Army's Future Combat System program will probably be scaled back. The comments were both good and bad news for Boeing, which is a subcontractor for the F-22 and the lead contractor for the Future Combat System. Seattle Post-Intelligencer (2/6)

デルタ・ノースウエスト合併契約調印近い

Reports: Delta, Northwest move closer to merger agreement

A merger agreement between Delta Air Lines and Northwest Airlines could be announced within two weeks, and negotiations between Continental Airlines and United Airlines have become more serious, according to media reports. Northwest, Continental and United declined to comment, and a Delta spokeswoman said the company won't provide updates on the board's review of consolidation opportunities. Observers note that details have not been worked out and the negotiations could still fall apart. The Wall Street Journal (subscription required) (2/7) , The Sun (Baltimore)/Associated Press (free registration) (2/7) , Houston Chronicle (2/6) , The New York Times (2/7) , Reuters (2/7) , The Atlanta Journal-Constitution (free registration) (2/6)

エアライン 退役したパイロットの再雇用

Carriers recruit retired pilots back to the cockpit

The ongoing pilot shortage is pushing carriers to recruit retired pilots who are younger than the new mandatory retirement age of 65. Southwest Airlines is among the carriers hoping to bring older pilots back into the workforce. "There are lot of pilots who love flying, it's an absolute passion for them, and they may be interested in coming back," a Southwest spokeswoman said. "So we want to give them that opportunity." Star-Telegram (Fort Worth, Texas) (2/6)

リージョナル機の安全性 改善の余地を専門家は指摘

Safety at regional airlines raises concerns among some experts

The growing number of crashes at regional carriers has prompted safety officials to request upgraded safety programs. NTSB case files suggest that regional carriers may have lowered pilot hiring standards amid high turnover, but regional airline officials say they run safe operations and that they fly under the same regulations as large carriers. USA TODAY (2/6)

S アトランティス打上げ 現地時間 2月7日午後

S Atlantis set to launch Thursday afternoon

NASA plans to launch Atlantis today at 2:45 p.m. if the weather permits. The weather is forecast to be 70% unfavorable for launch. If the shuttle doesn't launch, NASA managers will learn whether connectors that serve low-fuel sensors were properly repaired when the external tank is filled with liquid hydrogen. Florida Today (Melbourne) (2/7)

SmartQuote

"Defeat is not defeat unless accepted as a reality -- in your own mind."

--Bruce Lee, actor, martial arts legend

「負け」は、現実のものとして、自分の心の中で受け入れられない限り、まだ負けではない。

俳優・武闘家 ブルース・リー

DL(0206)

F-22 生産が継続されるか否かは次期政権に引き継がれる

Next administration will decide fate of Lockheed F-22

The next administration will decide whether to continue production of the Lockheed Martin F-22 Raptor. The defense budget proposed this week by President George W. Bush does not include funds to shut down production of the fighter jet. The Defense Department believes production should be capped at 183 planes, while the Air Force says it needs at least 381 to maintain U.S. air superiority. Star-Telegram (Fort Worth, Texas) (2/6)

F-35 用代替エンジン開発予算として GE は依然望みをもっている

General Electric remains optimistic about F-35 engine funding

President George W. Bush's budget proposal recommends the elimination of \$440 million for an alternative engine for the F-35 fighter jet, but General Electric says it is optimistic that Congress will restore funding. The administration has for three years recommended canceling F-35 funding, but lawmakers have restored it each time. CNNMoney.com/Dow Jones Newswires (2/4)

アラスカ航空 737 着陸時にフラップが完全に出なかった事故、FAA 改善勧告はでない

FAA will not require changes to Alaska's 737-400 fleet

The FAA said Boeing and Alaska Airlines are working to determine the cause of four emergency landings last month, but it will not require any changes to the airline's fleet of Boeing 737-400s. Three of the planes were forced to make emergency landings in January because trailing wing flaps wouldn't extend fully before landing. Seattle Post-Intelligencer (2/5)

航空管制官の退職者が空港離発遅れに影響 新規採用を増やす

Controller retirements contribute to delays, FAA increases hiring

A surge of retirements among air traffic controllers is more likely to affect on-time performance than safety. The number of air traffic controllers is currently at its lowest level in more than a decade. The FAA says it is hiring hundreds of trainees and offering bonuses to workers who are close to retirement as an incentive to stay on the job. The Wall Street Journal (subscription required) (2/6)

航空便の遅延率 26%に上ると DOT 発表

Flights were late more than 26% of the time in 2007, DOT says

The DOT on Tuesday said domestic flights were late more than 26% of the time in 2007, the second-worst delay rate on record. The Air Transport Association says upgrades to the nation's aging air traffic control system are necessary to improve on-time performance and

supports a new \$15 billion satellite-based system. The Wall Street Journal/Associated Press (subscription required) (2/5) , ABC News (2/5) , Pittsburgh Tribune-Review (2/5) , Sun-Sentinel (Fort Lauderdale, Fla.) (2/6) , The Sun (Baltimore) (free registration) (2/6) , Arkansas Democrat-Gazette (Little Rock) (free registration) (2/6)

新年度(2009)の DOT 予算要求 FAA 予算枠減少

FAA funding would decline under DOT proposal

Funding for the FAA would decline under the fiscal 2009 budget request proposed by the DOT. The request of \$14.6 billion is down from the \$14.9 billion budget enacted in fiscal 2008. The FAA said it wants to spend \$688 million in fiscal 2009 to develop a new satellite-based air traffic control system, up from \$212 million it plans to invest in fiscal 2008. Air Transport World (2/6)

SmartQuote

"The difficulty lies, not in the new ideas, but in escaping the old ones, which ramify, for those brought up as most of us have been, into every corner of our minds."

--John Maynard Keynes, English economist

問題なのは、新しい考え方にあるのではなくて、旧習から開放されることにある;われわれほとんどの者がそう育てられているように、古い考えがわれわれの頭の隅々にまで染み渡っているのだ。

英国経済学者:ジョン・メイナード・ケインズ

DL(0206)

将来の戦闘システムは 複雑なソフトウェアにかかっている

Future Combat Systems hinges on complex software

Future Combat Systems is the Army's most expensive weapons system and the largest software program in the DOD's history. The \$200 billion weapons program, led by Boeing, depends on software that will give soldiers the ability to communicate through a wireless network in near real time. The Army is also designing a new generation of combat vehicles as part of the program. The Washington Post (1/24)

防衛産業への景気後退の動きの影響は少ない

Defense firms will weather any economic slowdown

Defense contractors will fare well during any economic slowdown, executives say. "We are about as far removed from the credit risk and those sorts of matters as you can imagine," Lockheed Martin Chief Financial Officer Bruce Tanner said. "We feel sort of insulated." Several defense firms recently reported increases in fourth-quarter profits. The Washington Post/Associated Press (1/26)

シンガポール・エアショウ(2月19日~24日)

Singapore Airshow 2008 Preview

The Singapore Air Show, Asia's largest aerospace and defense event, serves as a global marketplace and networking platform for the military and civil aviation community.

A list of expert speakers from military and civil aviation industries will participate in a series of conferences ahead of the Singapore Airshow, and big announcements are expected. Read more here!

The Singapore Airshow 2008 will be held Feb. 19-24. For more information, visit Singapore Airshow.

国際防衛関連調達会議(2月18日シンガポールにて開催)エアショウにあわせて開催される防衛調達関連の国際会議

Conference to focus on procurement:

The International Defence Procurement Conference is the first defense procurement conference to be held at an international air show

and is an excellent platform for engagement within the defense procurement community. Participants can expect to hear six perspectives on defense procurement from various defense procurement agencies and defense companies, engage in intriguing discussions on the latest developments in defense procurement and network with the stakeholders in the defense procurement community. See more details.

グローバル宇宙技術会議(シンガポールエアショー開催期間中)成長が見込まれるアジアの宇宙産業市場の B2B 国際会議

Global Space & Technology Convention to facilitate cooperation:

The convention aims to facilitate open cooperation and exchange between commercial players and government bodies as well as research institutes -- all with the ultimate goal of driving the development of space through commercialization, exploration and advancement. GSTC will be a main draw for investors hoping to break into the Asian space market, one which has been rapidly growing and developing in recent years, as it provides a neutral platform for B2B discussions and networking.

航空エンジンのメンテナンス(MRO)市場拡大

Aircraft engine MRO market will expand, experts say

An engine's thrust sector usually determines whether it is maintained by a manufacturer, airline or third-party provider. By 2015, engines will comprise up to 38% of the air transport MRO market, according to MRO consultancy Aerostrategy. Flight International (1/21)

オーストラリアの銀行がグッドリッチから受け継いだ MRO 事業好調

Sale creates growth opportunities for MRO business

Goodrich last year sold its maintenance, repair and overhaul business in Everett, Wash., to Australia's Macquarie Bank. Now, Aviation Technical Services is growing and plans to add 240 technicians to its staff this year. "What Macquarie gives us is the financial strength and independence," said Stephen Bucy, ATS vice president of business development. "We can expand our offerings to customers." The Herald (Everett, Wash.) (1/21)

ボーイング 中国での MRO 事業のためのハンガー建設開始

Boeing's Chinese MRO venture starts hangar construction Flight International (1/25)

According to AIA tallies, aerospace industry sales reached a record \$198.8 billion in 2007 -- an increase of \$15.5 billion over the previous year.

AIA データによれば、アメリカの 2007 年航空宇宙生産高は、史上最高 1988 億ドルで、これは前年比で 155 億ドル上回る

DL(0204)

インド政府 ロッキード輸送機 C-130 を 6 機購入予定 インドもソ連機時代から変更

India to buy six Lockheed transport planes

India plans to buy six Hercules C-130J transport planes from Lockheed Martin as part of a deal worth more than \$1 billion. The purchase is a major change for India, which now flies planes made by the former Soviet Union. Voice of America (2/3)

2月11日～12日 Lynnwood WA、21世紀のサプライチェーン展

空中給油機プロジェクト(400億ドル以上の大型プロジェクト179機)今月末にも発注先決定

Air Force may award \$40B tanker contract later this month

The Air Force may award a contract to build the U.S. Air Force aerial refueling tanker this month. Boeing is competing against a team

led by Northrop Grumman and EADS for the contract. Analysts say the order for 179 tankers could become the Pentagon's second-largest program. Seattle Post-Intelligencer/Bloomberg (2/3)

ボーイング 防衛分野から 787 プログラムへ 2 名 トップ人事異動

Boeing transfers two executives to 787 program

Boeing earlier this year transferred two defense executives to its 787 program. The plane is now about nine months behind schedule, and some observers expect the company to announce more delays. On Friday, Boeing said it is making several executive changes to its defense business. Los Angeles Times (free registration) (2/2)

エアライン再編の動き 結末はよし悪し交々

Airline consolidation may lead to mixed results

Some experts question whether airline mergers actually help the carriers and the public. They note that the goals of consolidation have changed, so comparing past airline mergers with those that could occur in the future is difficult. The Cincinnati Enquirer (2/3)

デルタ、ノースウエスト合併契約 2 週間内にとみる向きあり

Delta, Northwest could reach merger deals in two weeks, observers say

Some experts speculate that Delta Air Lines and Northwest Airlines will reach a merger agreement within two weeks so the deal can be considered by the business-friendly Bush administration. Others say soaring fuel prices and weakening demand will affect the timing of any merger. The Atlanta Journal-Constitution (free registration) (2/3)

航空管制の人的不足を心配する動き

Controller staffing levels concern lawmakers

Some lawmakers have raised questions about fatigue among air traffic controllers as the number of controllers has dipped to its lowest level in more than a decade. Meanwhile, FAA officials say there is no staffing shortage and note the agency is recruiting more controllers. The Washington Post (2/3)

最近の航空事故調査:FAA の勧告実施未達

NTSB: FAA hasn't implemented heating system recommendations

The NTSB said the FAA has not implemented two recommendations related to several instances of smoke in the cockpits of Boeing 757 jetliners. The FAA said Boeing has already notified airlines of the problem and told them how to fix it. The latest incident, which is still under investigation, occurred last week when a commercial jetliner made an emergency landing in Florida. The Wall Street Journal/Dow Jones Newswires (subscription required) (2/2)

国際宇宙ステーション 2010 完成までの日程厳しい

NASA faces tight schedule ahead of 2010 deadline

NASA can safely complete 12 more assembly flights to the International Space Station and a final Hubble Space Telescope servicing mission before a deadline of Sept. 30, 2010. An analysis shows that completion is possible, but that NASA faces a tough schedule. Florida Today (Melbourne) (2/3)

A380 シンガポール・ロンドン間で商用飛行を開始(3月18日)

A380 will make first commercial flight from Singapore to London (USA TODAY)

SmartQuote

"Everything's got a moral, if only you can find it."

--Lewis Carroll, English author

すべてに教訓がある、あなたがその気になって見つけることが出来れば。

英国作家 ルイス・キャロル

DL(0201)

A380 代替燃料をつかったの試験飛行に成功

Airbus A380 completes test flight powered by alternative fuel

Airbus said its A380 on Friday successfully completed a test flight powered by alternative fuel. The plane, which Airbus says is the first commercial jet to fly on alternative fuel, was powered by a blend of regular fuel and liquid fuel processed from gas. The Wall Street Journal/Dow Jones Newswires (subscription required) (2/1)

デルタ、ノースウエスト航空合併実現すれば 世界でも有数のグローバルキャリアーとなる

Delta, Northwest merger would create global carrier

A potential merger of Delta Air Lines and Northwest Airlines could mean more international flights departing from Atlanta and a larger role for airports in Salt Lake City, Detroit and Minneapolis. A combined carrier would have the largest market share in Europe as well as a huge presence in Asia and Latin America, observers say. Reports say Delta is also discussing possible mergers with Continental Airlines and United Airlines. The Atlanta Journal-Constitution (free registration) (1/31) , The Street.com (1/31)

ノースウエスト航空デトロイト空港を基地としたリージョナル運航計画

Northwest adds new routes, will fly new regional jets from Detroit

Northwest Airlines on Thursday said it will add five new domestic routes and start flying a new type of regional jet from Detroit Metropolitan Airport. The new Brazilian-built Embraer 175 aircraft will help the carrier attract business passengers traveling from smaller markets. The Detroit News (2/1)

サウスウエスト航空 CEO エアライン業界の統合の動きに積極的に関与を示唆

Consolidation will create opportunities for Southwest, CEO says

Consolidation in the airline industry will provide an opportunity for Southwest Airlines, regardless of whether the carrier merges with another airline, CEO Gary Kelly said. "We have enough exposure to other airlines in the U.S. that if they shrink, we'll benefit," Kelly said. "And of course, I wouldn't eliminate the possibility that we would participate in some form or fashion in consolidation." The Dallas Morning News (2/1)

英国財務当局 航空機の重量税の考え方を支持

U.K. regulators support tax based on aircraft weight

The U.K. Treasury on Thursday said it supports an aviation tax mechanism that would base taxes on an airplane's maximum take-off weight. Regulators want to replace a passenger tax with a tax that reflects the environmental impact of airplanes. The Wall Street Journal/Dow Jones Newswires (subscription required) (1/31)

SmartQuote

"Knowledge is the distilled essence of our institutions, corroborated by experience."

--Elbert Hubbard, American author

ナレッジ(知恵)とは、慣例を蒸留して不純物を取り去ったエッセンスで、経験によって裏付けられたものである。

2008年2月4日 8:56

[AIA DL 記事からアクセスの多かった記事トップ10](#)

Here are the 10 most clicked AIA dailyLead stories from the past year. Also check out All-Access for the latest breaking news as well as tools like Archive and Search.

Please pass along AIA dailyLead to any colleagues who might find it useful. Thanks for subscribing!

1) Boeing unveils 787 Dreamliner, focus shifts to testing

The world has seen Boeing's Dreamliner, which Boeing CEO Jim McNerney said will bring about a "dramatic improvement in air travel." Competitor Airbus joined in the celebration, congratulating the manufacturer on its success. Now Boeing is focused on seeing the jet through testing, certification and on-time delivery. ClipSyndicate (07/09) USA TODAY (07/09) MSNBC (07/09) CNNMoney.com (07/08)

2) Air Force grounds F-15 fleet

An accident in which a 30-year-old F-15 fighter jet apparently came apart during flight has prompted the Air Force to ground its fleet of the aircraft. Air Force officials are considering whether to order individual inspections for the planes, which experts say may be getting too old to withstand the rigors of high-speed aerial maneuvers. ClipSyndicate (11/06) Washington Post, The (11/06)

3) Google Earth snaps image of China's top-secret submarine

Images of China's new Jin-class nuclear-powered submarine have surfaced on Google Earth. Pictures of the submarine, which is capable of firing intercontinental ballistic missiles, had been unavailable until a weapons analyst spotted the sub while looking at the publicly available satellite images. Sydney Morning Herald, The (07/09)

4) Air Force officials recommend new planes instead of repairs

Structural problems with the Air Force's fleet of fighter jets could become worse, even if the planes are repaired, according to senior officials. They note that the fleet is 25 years old on average and recommend buying new planes instead of repairing the current fleet. Washington Post, The (01/11) Associated Press (01/11)

5) A380 touches down in U.S. on Monday

Hundreds of onlookers watched the Airbus A380 superjumbo land in the U.S. on Monday. Separate flights landed in New York and Los Angeles, and one will make a demonstration flight in Chicago today before returning to Frankfurt. Airbus hopes the A380's U.S. tour generates interest in the plane, which is two years behind delivery schedule. Los Angeles Times (free registration) (03/20) ClipSyndicate (03/20) USA TODAY (03/19) New York Times, The (03/20) Sun-Sentinel (Fort Lauderdale, Fla.) (03/20)

6) 777's engines did not respond during descent, investigators say

Investigators discovered that two engines on the 777 that crashed last week at London's Heathrow Airport did not respond to efforts to increase thrust during the jet's descent. The U.K.'s Air Accidents Investigation Branch released an initial report on the accident on Friday. Associated Press (01/21) Air Transport World (01/21) New York Times, The (01/19)

7) U.K. investigators continue probe of 777 accident

British authorities are continuing their investigation into the crash of a Boeing 777 at London's Heathrow Airport last week. The crash was the first that destroyed a 777. The NTSB is assisting in the investigation, which will examine the plane's jet fuel supply and other possible causes of the accident. USA TODAY (01/22)

8) Boeing's 787 shows future of aircraft manufacturing

The plant where Spirit AeroSystems builds the nose and cockpit of Boeing's 787 offers a glimpse into the future of aircraft manufacturing. The entire process is automated, with guided vehicles moving aircraft pieces and giant drilling machines attaching parts. Seattle Times, The (04/22)

9) Airbus delivers first A380

The first Airbus A380 has been delivered to Singapore Airlines, 18 months later than originally promised. Delivery of the 800-passenger jet was taken at Toulouse, France. The plane's first commercial flight will be on Oct. 25. ClipSyndicate (10/15) BBC (10/14)

10) Supplier problems delay Boeing's 787, cost billions in penalties

The delay of Boeing's 787 program was caused by more than a shortage of bolts and screws. Problems at one small supplier are rippling through the program, causing delays and costing Boeing and other suppliers billions in penalties and cash shortages. Chicago Tribune (free registration) (12/08)

SmartQuote

"It is our responsibilities, not ourselves, that we should take seriously."

--Peter Ustinov, British actor and writer

その人自身ではなくてその人の責任、それこそ問題にされるべきである。

ピーター・ウスティノフ 英国 俳優・作家

[新刊紹介] 米国の宇宙軍事計画へのロシアと中国の対応: [Russian and Chinese Responses to U.S. Military Plans in Space](#)

Authors: Pavel Podvig and Hui Zhang

A report of the Reconsidering the Rules of Space Project



Summary

In recent years, Russia and China have urged the negotiation of an international treaty to prevent an arms race in outer space. The United States has responded by insisting that existing treaties and rules governing the use of space are sufficient. The standoff has produced a six-year deadlock in Geneva at the United Nations Conference on Disarmament, but the parties have not been inactive. Russia and China have much to lose if the United States were to pursue the space weapons programs laid out in its military planning documents. This makes probable the

eventual formulation of responses that are adverse to a broad range of U.S. interests in space. The Chinese anti-satellite test in January 2007 was prelude to an unfolding drama in which the main act is still subject to revision. If the United States continues to pursue the weaponization of space, how will China and Russia respond, and what will the broader implications for international security be?

The American Academy called upon Pavel Podvig (Stanford University) and Hui Zhang (Harvard University) to elucidate answers to these questions and to discuss the consequences of U.S. military plans for space. Each scholar suggests that introducing weapons into space will have negative consequences for nuclear proliferation and international security. As Podvig points out, Russia's main concern is likely to be maintaining strategic parity with the United States. This parity will be destroyed by the deployment of weapons in space, making a response from Russia likely. Podvig suggests that Russia does not have many options for the development of its own weapon systems in space but is likely to react to U.S. development of

space weapons through other countermeasures, such as extending the life of its ballistic missiles. Podvig describes such measures as “the most significant and dangerous global effects of new military developments, whether missile defense or space-based weapons.”

Zhang arrives at similar conclusions. He describes how U.S. military plans for space will negatively affect peaceful uses of outer space, disrupting civilian and commercial initiatives, but he focuses his discussion on a much greater concern among Chinese officials that actions by the United States in space will result in a loss of strategic nuclear parity. China’s options for response, as detailed by Zhang, include building more ICBMs, adopting countermeasures against missile defense, developing ASAT weapons, and reconsidering China’s commitments on arms control. Thus, a U.S. decision to introduce weapons into space would destabilize the already vulnerable international nonproliferation regime. Zhang concludes, “U.S. space

weaponization plans would have potentially disastrous effects on international security and the peaceful use of outer space. This would not benefit any country’s security interests.”

Authors

Pavel Podvig is a Research Associate at the Center for International Security and Cooperation at Stanford University. He received his Ph.D. in political science from the Moscow Institute of World Economy and International Relations. His research focuses on missile defense, space security, and Russia’s strategic nuclear forces.

Hui Zhang is a Research Associate in the Project on Managing the Atom in the Belfer Center for Science and International Affairs at Harvard University’s John F. Kennedy School of Government. He received his Ph.D. in nuclear physics from Beijing University. His research focuses on nuclear arms control, nonproliferation, and China’s nuclear policy.

<http://www.amacad.org/publications/militarySpace.aspx> Download the Paper (952 KB) or

To order hardcopy “Russian and Chinese Responses to U.S. Military Plans in Space” (\$6.00), email publications@amacad.org.

[新刊紹介] 「人工衛星による宇宙利用」 防衛生産委員会特報 2007.12.31 日本経済団体連合会



[新刊紹介] 月刊誌「軍事研究」2008年3月号発売中。定価 980円(税込み)

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)写真ページ(/// カラー: 幹部候補生 100km 卒業行進:芦川淳 /// 新宿御苑 PAC-3 展開候補地調査:野口卓也
モノクロ: 第1空挺団訓練始め:野口卓也 /// クウェート/イラク空自輸空隊の新年:航空自衛隊
厚木基地第4航空航空群の初訓練飛行:野亦義久

ミリタリ・ニュース

連載:21世紀の米空軍(次世代航空宇宙戦力)(13) ///練習機戦力&ロシア軍の次世代航空宇宙兵器
航空教育・訓練コマンド(AETC) / 米軍に対抗するロシア次世代航空宇宙兵器 軍事情報研究会

調達期間・数・総額を決めないシステム /// 異様な我が国の防衛調達の実態と解決策
異様な防衛調達は脅威に基づく防衛戦略やドクトリンが欠如していることが元凶だ 清谷信一

欧州・ロシアの空中給油 / 輸送機 & 戦闘機 /// 自衛隊航空機のライバルたち
21 世紀前半に求められる能力を、ヨーロッパおよびロシア製のライバル機から検証 青木謙知

空軍力を支える世界の軍用練習機
高性能化しているターボプロップ機と亜音速ジェット練習機によるパイロット育成 石川潤一

「誇張時代」の終局を迎えた大国 /// 21 世紀のロシア連邦軍
豊富な地下資源を背景に勢いを取戻すロシア連邦軍の構成とその戦力が目指すもの 古是三春

軍事と代替エネルギー (後) /// 非石油燃料航空機と電気戦闘車輛
いまや軍隊にとってもエコロジーは重要なテーマだ。化石燃料に代わる手段はあるか 野木恵一

仏伊共同開発 /// 多目的フリゲート FREMM
多目的フリゲート FREMM は仏伊海軍だけでなく数か国への輸出が決定している 多田智彦

最新テロ情報分析 (前) /// テロ集中地域、西アジアと北アフリカ
増え始めた民族・宗教テロ。07 年にはどのようなテロが発生したのか徹底検証！ 村上和巳

『自衛隊ガンダム』の実体 /// 投稿 先進個人装備システム ACIES
歩兵用新型装備「エーシス」は「ガンダム」という表現から大きな話題を集めた！ 阿部拓磨

現地取材：幹候生の 100km 行進 /// 陸自の幹部候補生学校総合訓練に密着
現場の入口に立とうとしている候補生にとって、この訓練は大きな礎となるだろう 芦川淳

実戦で役立ったのは民間用 GPS だった /// 湾岸戦争 GPS 受信機ショウ
戦争で使われた大きな成果を得た全 GPS の運用を評価し米軍の GPS 戦略を解析 鈴木基也

第 19 回：軍需と民需 /// 軍民で不可欠な通信衛星
戦時用の音声通信用に、240 機からなる非静止通信衛星計画も進められている！ 鳥羽利雄

最大の眼目は自衛隊との作戦一本化 /// いよいよ動きだした米軍再編
座間、横田、横須賀、韓国での動き、北京五輪最中に日本に原子力空母を配備する 石川巖

WORLD・IN・FOCUS 菊池雅之

日本の戦史 (164) /// 八原大佐と沖縄作戦 (七十九)
沖縄の航空基地は整備されて一部では南九州への来襲も見られる状況であった 大田嘉弘

市ヶ谷レーダサイト・守屋派報復人事が始まった!? /// 防衛産業ニュース

[Globalsecurity.com](http://www.globalsecurity.org/space/index.html) <http://www.globalsecurity.org/space/index.html>

National Security

Transcript: DoD News Briefing with Deputy National Security Advisor Jeffrey, Gen. Cartwright and NASA Administrator Griffin 14 Feb 2008

Navy to Shoot Down Malfunctioning Satellite AFPS 14 Feb 2008 -- The Navy will shoot down a malfunctioning U.S. spy satellite

DoD To Engage Decaying Satellite 14 Feb 2008

Gates Discusses Missile Issues With Russian Official AFPS 09 Feb 2008

International

Space explorer successfully transmits scientific data IRNA 18 Feb 2008

Iranian rocket transmits data to Earth RIA Novosti 17 Feb 2008

China & US Plan to Shoot Down Satellite VOA 17 Feb 2008 -- China is concerned about U.S. plans to shoot down a malfunctioning spy satellite

Russia tracks rogue U.S. satellite RIA Novosti 15 Feb 2008 -- Russia's Defense Ministry is monitoring a US spy satellite that has gone out of control

Putin: Russia could aim rockets at European missile shield RIA Novosti 14 Feb 2008 -- Russia may have to retarget some of its rockets at missile defenses that the U.S. is planning to deploy in Central Europe, Putin said

Putin, Russia's Far East & new space center RIA Novosti 14 Feb 2008

Putin Speech Mixes Cooperation with Missile Threat VOA 14 Feb 2008

Hosseini & Iran's satellite IRNA 12 Feb 2008 -- Iran's satellite is for scientific, commercial & research purposes, FM spokesman Hosseini said

Russia Warns of New Arms Race in Outer Space VOA 12 Feb 2008

Russia & response to U.S. missile system RIA Novosti 12 Feb 2008

Russia & Space disarmament plans RIA Novosti 12 Feb 2008

Sino-Russian space arms race control initiative RIA Novosti 11 Feb 2008 -- Russia will submit to a UN disarmament conference a joint Sino-Russian proposal for an int'l treaty to ban the deployment of weapons in outer space.

Ahmadinejad: 2 more rockets to be launched IRNA 11 Feb 2008 -- Pres. Ahmadinejad said here Iran will launch two more rockets in the future.

Ivanov: Russia to respond to US missile shield RIA Novosti 10 Feb 2008

Industry

ATK & NASA Space Shuttle Solid Rocket Motors ATK 18 Feb 2008

ATK Advanced Hypersonic Test Combustor Completes Acceptance Tests at USAF Arnold Engineering Development Center ATK 15 Feb 2008

Boeing, Other Ares I Upper Stage Contractors ACA Boeing 15 Feb 2008

Raytheon & Patriot Awards Totaling \$377 Million Raytheon 13 Feb 2008

ATK Launch Systems Group Cleared to Resume Normal Contract Processes and Procedures ATK 11 Feb 2008

MEADS Program Completes PRD Lockheed Martin 11 Feb 2008 -- The Medium Extended Air Defense System completed its System Preliminary Design Review (PDR), a major milestone in the program's development.

Raytheon & USAF Satellite Comm. Contract Raytheon 11 Feb 2008

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

Tuesday, February 19

Satellite Shooting: 'Show Of Strength'

Sky News 9:00 pm ET (0200 GMT)

Taking Aim at the Spy Satellite

ABCNews.com 8:36 pm ET (0136 GMT)

U.S. to shoot down satellite Wednesday, official says

CNN 8:19 pm ET (0119 GMT)
U.S. could shoot down satellite overnight Wednesday
Reuters 8:08 pm ET (0108 GMT)
US warships positioning for satellite shoot down
AFP 8:03 pm ET (0103 GMT)
U.S. Navy Might Shoot Down Spy Satellite Wednesday Night
Space News 7:59 pm ET (0059 GMT)
Satellite Shoot Down: How It Will Work
SPACE.com 7:56 pm ET (0056 GMT)
Shot at satellite might come Wednesday night
AP 7:45 pm ET (0045 GMT)
U.S. said losing space markets, hobbled by own policy
Reuters 7:42 pm ET (0042 GMT)
US declares 1400-mile Pacific sat-shoot exclusion zone
The Register 6:00 am ET (1100 GMT)
China Expresses Concern Over U.S. Plan to Shoot Down a Faulty Spy Satellite
New York Times 5:58 am ET (1058 GMT)
Aim High
National Review 5:54 am ET (1054 GMT)
US navy takes aim at rogue satellite
NEWS.com.au 5:53 am ET (1053 GMT)
A missile test, but for real
Corpus Christi Caller-Times 5:52 am ET (1052 GMT)
Satellite Shooting Is Next as Shuttle Heads Home
New York Times 5:45 am ET (1045 GMT)
US to try satellite shoot-down Thursday: report
AFP 5:23 am ET (1023 GMT)

Monday, February 18

Spy Satellite's Scheduled Destruction Raises Concerns About Diplomatic Fallout
World Politics Review 6:05 pm ET (2305 GMT)
Sources: Navy to shoot down failed satellite Thursday
CNN 5:47 pm ET (2247 GMT)
China Weighs in on U.S. plan to Down Failed Satellite
Space News (subscribers only) 1:02 pm ET (1802 GMT)
China expresses concern about U.S. bid to shoot down damaged satellite
Xinhua 7:17 am ET (1217 GMT)
Spysat down!
The Space Review 7:15 am ET (1215 GMT)

China Says US Plan to Shoot Down Satellite May Harm Security
Voice of America 7:13 am ET (1213 GMT)
China Says U.S. Plan to Destroy Broken Satellite Is a Concern
Bloomberg News 7:12 am ET (1212 GMT)
Editorial: A win-win missile test
Gatehouse News Service 7:12 am ET (1212 GMT)
Australia prepares for falling satellite
AAP 7:11 am ET (1211 GMT)
Risk posed by tumbling satellite makes the case for shooting it down
Allentown (PA) Morning Call 7:11 am ET (1211 GMT)
The sky is falling but it s under control
Honolulu Star-Bulletin 7:10 am ET (1210 GMT)
Dead satellite part of growing space junkyard
Sacramento Bee 6:56 am ET (1156 GMT)
Rogue Satellite Won't Hurt Space Station, Shuttle
NPR 6:51 am ET (1151 GMT)
Atlantis to race home out of Navy's field of fire
USA Today 6:42 am ET (1142 GMT)
See the Doomed Spy Satellite!
Sky & Telescope 6:37 am ET (1137 GMT)
U.S. To Shoot Down Satellite
Aviation Week 6:25 am ET (1125 GMT)

Sunday, February 17

Go forward on space arms treaty
Bangkok Post 1:04 pm ET (1804 GMT)
Watch the spy satellite before it's shot down
Atlanta Journal-Constitution 1:02 pm ET (1802 GMT)
Lindsey briefs astronaut corp on USA 193 risks
NasaSpaceFlight.com 12:56 pm ET (1756 GMT)
China concerned by U.S. satellite missile plan
Reuters 12:52 pm ET (1752 GMT)
Satellite Shootdown Plan Began in Jan.
AP 9:21 am ET (1421 GMT)
StratCom has toxic spy satellite in its sights
Omaha World-Herald 5:31 am ET (1031 GMT)
Satellite doesn't worry astronauts
Orlando Sentinel 5:27 am ET (1027 GMT)
Russia: US satellite shot a weapons test
AP 5:19 am ET (1019 GMT)
US satellite shoot-down part of space 'arms race': Russia

AFP 5:08 am ET (1008 GMT)

Russian DM says US may test new weapon under pretext of destroying satellite

Itar-Tass 4:55 am ET (0955 GMT)

Astronauts unfazed by spy satellite shutdown plan: Destruction is likely to leave debris in space station area

Houston Chronicle 4:53 am ET (0953 GMT)

Shuttle crew not fazed by missile

Florida Today 4:44 am ET (0944 GMT)

Saturday, February 16

Russia says U.S. may use satellite blast as test

Reuters 1:32 pm ET (1832 GMT)

Commanders say satellite shoot-down no threat

CBS/Spaceflight Now 1:31 pm ET (1831 GMT)

Astronauts Unfazed by Planned Spy Satellite Shot

SPACE.com 1:30 pm ET (1830 GMT)

Astronauts unfazed by spy satellite shutdown plan

Houston Chronicle 1:25 pm ET (1825 GMT)

Satellite shoot-down doesn't trouble commander

Florida Today 1:24 pm ET (1824 GMT)

Satellite shutdown won't affect station

AP 10:23 am ET (1523 GMT)

Taking Aim at a Disabled Satellite

New York Times 8:11 am ET (1311 GMT)

Pentagon optimistic it can take satellite out

Orlando Sentinel 7:38 am ET (1238 GMT)

An additional worry: space debris

Fort Worth Star-Telegram 7:38 am ET (1238 GMT)

A space shoot-'em-up

St. Petersburg Times 4:54 am ET (0954 GMT)

Missile Defense Future May Turn on Success of Mission to Destroy Satellite

New York Times 4:42 am ET (0942 GMT)

U.S. Makes Case About Satellite To Foreign Envoys

Washington Post 4:31 am ET (0931 GMT)

Shooting Down a Satellite: All in the Timing

Discovery.com 4:29 am ET (0929 GMT)

Friday, February 15

Local retired Admiral says satellite shoot-down plan may work

WVEC-TV Hampton Roads, VA 6:10 pm ET (2310 GMT)

U.S. Set to Destroy Crippled Satellite Before It Contaminates the Atmosphere

Scientific American 6:08 pm ET (2308 GMT)

Is This Satellite Shootdown Necessary?

Time 6:02 pm ET (2302 GMT)

Experts Scoff at Sat Shoot-Down Rationale

Wired News 5:59 pm ET (2259 GMT)

How to Down a Wayward Satellite

ABCNews.com 5:41 pm ET (2241 GMT)

Pentagon Plans to Shoot Down Broken Spy Satellite

NPR 1:07 pm ET (1807 GMT)

US satellite to enter atmosphere around March 6: US diplomat

AFP 1:03 pm ET (1803 GMT)

Russia worried by errant US satellite: news agencies

AFP 1:00 pm ET (1800 GMT)

Polish military to go on alert in case US satellite crashes

AFP 1:00 pm ET (1800 GMT)

US seeks to reassure world about bid to destroy crippled satellite

AFP 12:59 pm ET (1759 GMT)

See the Falling Spy Satellite

SPACE.com 12:58 pm ET (1758 GMT)

Russia tracks rogue U.S. satellite containing nuclear material

RIA Novosti 12:55 pm ET (1755 GMT)

U.S. vows to pay for damage caused by satellite

Reuters 12:53 pm ET (1753 GMT)

Experts suspicious of 'splatellite' plan

Nature News 12:50 pm ET (1750 GMT)

Shooting down spysat could endanger space station

New Scientist 7:26 am ET (1226 GMT)

U.S. will down failed satellite to avoid toxic danger

Washington Times 5:55 am ET (1055 GMT)

DoD News Briefing with Deputy National Security Advisor Jeffrey, Gen. Cartwright and NASA Administrator Griffin

US Dept. of Defense 5:45 am ET (1045 GMT)

Citing safety, U.S. orders spy satellite shot down

Globe and Mail 5:37 am ET (1037 GMT)

Satellite's Out: US to Blast Broken Spy Craft from Space

New York Post 5:37 am ET (1037 GMT)

US to try to shoot down spy satellite

AP 5:30 am ET (1030 GMT)

U.S. to shoot down failing spy satellite

USA Today 5:23 am ET (1023 GMT)
U.S. to Attempt to Shoot Down Faulty Satellite
New York Times 5:18 am ET (1018 GMT)
U.S. plans to fire missile at falling spy satellite
CBS/Spaceflight Now 5:16 am ET (1016 GMT)
'Jury-rigged' missile to destroy falling spysat
New Scientist 5:04 am ET (1004 GMT)
U.S. will try to shoot down spy satellite gone bad
Los Angeles Times 4:59 am ET (0959 GMT)
Atlantis will be home before satellite destroyed
Houston Chronicle 4:55 am ET (0955 GMT)
Navy Will Attempt to Down Spy Satellite
Washington Post 4:50 am ET (0950 GMT)
Satellite shutdown no threat to shuttle, ISS
Florida Today 4:48 am ET (0948 GMT)

Thursday, February 14

U.S. to Shoot Down Its Own Spy Satellite
ABCNews.com 8:19 pm ET (0119 GMT)
Heading off a toxic iceberg from space
MSNBC 8:08 pm ET (0108 GMT)
Russia and China Propose a Treaty Banning Space Weapons,
while the Pentagon Plans an ASAT Test
The Henry L. Stimson Center 5:27 pm ET (2227 GMT)
Officials: U.S. to try to shoot down errant satellite
CNN 5:25 pm ET (2225 GMT)
Pentagon to shoot down toxin-laden satellite
Air Force Times 5:21 pm ET (2221 GMT)
Satellite Shot Offers Navy Key Space Defense Trial: How It
Works
Popular Mechanics 5:20 pm ET (2220 GMT)
U.S. Defends Satellite Shootdown Plans
Aviation Week 5:16 pm ET (2216 GMT)
Pentagon to shoot down crippled spy satellite
Flightglobal.com 5:12 pm ET (2212 GMT)
Pentagon Unveils Rogue Spy Sat Shoot-Down Plan
Wired News 5:09 pm ET (2209 GMT)
U.S. Officials Say Broken Satellite Will Be Shot Down
New York Times 5:08 pm ET (2208 GMT)
US to shoot down satellite: officials
AFP 5:06 pm ET (2206 GMT)
U.S. Will Try to Destroy Crippled Satellite

Space News (subscribers only) 5:06 pm ET (2206 GMT)
Pentagon plans to shoot down disabled satellite
Reuters 5:03 pm ET (2203 GMT)
U.S. will try to shoot down spy satellite gone bad
Los Angeles Times 4:55 pm ET (2155 GMT)
US plans to shoot down satellite
BBC 4:51 pm ET (2151 GMT)
Press Briefing On Reentry Of U.S. Satellite Announced
US Dept. of Defense 1:08 pm ET (1808 GMT)
U.S. Plans to Shoot Down Broken Spy Satellite
Washington Post 1:03 pm ET (1803 GMT)
The Final Frontier: Washington Prepares for Arms Race in Space
Toward Freedom 12:47 pm ET (1747 GMT)
Pentagon to shoot down broken spy satellite
AP 12:21 pm ET (1721 GMT)

Wednesday, February 13

Russia, China propose arms ban in space
Washington Times 8:17 pm ET (0117 GMT)
U.S. Military Intentions in Outer Space are Focus of U.N. Debate
PBS NewsHour 7:29 pm ET (0029 GMT)
Space executive course provides pinpoint space education for
leaders
US Air Force 7:17 pm ET (0017 GMT)
U.N. Weighs a Ban on Weapons in Space, but U.S. Still Objects
New York Times 8:19 am ET (1319 GMT)
China wants progress this year on space weapons treaty: govt
AFP 8:18 am ET (1318 GMT)

Tuesday, February 12

The spy is falling
Pittsburgh Tribune-Review 8:12 pm ET (0112 GMT)
Lockheed, Boeing Get Air Force Contract Boosts to Maintain
Satellite Launch Infrastructure
AP 8:01 pm ET (0101 GMT)
Russia, China propose new treaty to ban arms in space
AFP 7:56 pm ET (0056 GMT)
US rejects Russian call for new space treaty
AFP 7:55 pm ET (0055 GMT)
Russia-China space deal to counter US shield move: diplomats
AFP 7:55 pm ET (0055 GMT)
Gorbachev hails proposed space weapons treaty: report

AFP 7:54 pm ET (0054 GMT)

Russia says space disarmament plans with China cover all weapons

RIA Novosti 7:50 pm ET (0050 GMT)

Space militarization

RIA Novosti 7:49 pm ET (0049 GMT)

Russia warns of new arms race without space ban

Reuters 7:48 pm ET (0048 GMT)

Russia, China submit draft treaty on barring arms race in outer space

Itar-Tass 7:42 pm ET (0042 GMT)

Deployment of arms in space will trigger arms race - Lavrov

Interfax 7:40 pm ET (0040 GMT)

U.S. Considering Shooting Down Satellite

Aviation Week 7:37 pm ET (0037 GMT)

Arms race in space?

San Francisco Chronicle 5:20 am ET (1020 GMT)

Air Force allows ATK to receive new government contracts

Bloomberg News 5:07 am ET (1007 GMT)

[\[spacetoday.net: China\]](http://www.spacetoday.net/China)

<http://www.spacetoday.net/articles.bycategory.php?cid=42>

Tuesday, February 19

China Expresses Concern Over U.S. Plan to Shoot Down a Faulty Spy Satellite

New York Times 5:58 am ET (1058 GMT)

Boom year for space launches

China Daily 5:53 am ET (1053 GMT)

China to launch 10 satellites in 2008

Xinhua 5:39 am ET (1039 GMT)

China set to launch record number of spacecraft in 2008: report

AFP 5:23 am ET (1023 GMT)

Monday, February 18

China Weighs in on U.S. plan to Down Failed Satellite

Space News (subscribers only) 1:02 pm ET (1802 GMT)

China expresses concern about U.S. bid to shoot down damaged satellite

Xinhua 7:17 am ET (1217 GMT)

China Says US Plan to Shoot Down Satellite May Harm Security

Voice of America 7:13 am ET (1213 GMT)

China Says U.S. Plan to Destroy Broken Satellite Is a Concern

Monday, February 11

Indian Agency Plans More Israeli Spy Sat Launches

Defense News 8:14 pm ET (0114 GMT)

Alliant Techsystems off Air Force's supplier blacklist

Minneapolis Star Tribune 8:02 pm ET (0102 GMT)

ATK Launch Systems Group Cleared to Immediately Resume Normal Contract Processes and Procedures

PR Newswire 7:56 pm ET (0056 GMT)

Raytheon Wins \$75 Million Air Force Satellite Communications Contract

PR Newswire 12:42 pm ET (1742 GMT)

Russia s draft treaty on prevention of space militarisation

Itar-Tass 12:27 pm ET (1727 GMT)

All along the watchtower

The Space Review 7:41 am ET (1241 GMT)

Moscow to present Sino-Russian space arms race control initiative

RIA Novosti 7:20 am ET (1220 GMT)

Bloomberg News 7:12 am ET (1212 GMT)

Sunday, February 17

Father of China's space program crowned among "Inspiring People" of 2007

Xinhua 1:01 pm ET (1801 GMT)

China concerned by U.S. satellite missile plan

Reuters 12:52 pm ET (1752 GMT)

Friday, February 15

China's first lunar probe prepares for eclipse

Xinhua 5:34 am ET (1034 GMT)

Thursday, February 14

China engages NASA in the next space race

Medill Reports 5:17 pm ET (2217 GMT)

Wednesday, February 13

China catching up in spaceflight, says NASA chief

New Scientist 7:08 pm ET (0008 GMT)

Chinese astronomers look to Antarctic

Nature News 7:06 pm ET (0006 GMT)

The New Space Race: China vs. the U.S.

Time 8:48 am ET (1348 GMT)

Experts see spying case at NASA as wake-up call

Orlando Sentinel 8:29 am ET (1329 GMT)

Tuesday, February 12

Former Boeing engineer accused of stealing trade secrets from NASA

Orlando Sentinel 8:23 pm ET (0123 GMT)

Two China Spy Cases Unveiled

Aerospace Daily 8:20 pm ET (0120 GMT)

Did China spy on NASA? Former Boeing engineer arrested on charges of stealing trade secrets.

Orlando Sentinel 4:47 am ET (0947 GMT)

Orange County man is accused of being a spy

Los Angeles Times 4:44 am ET (0944 GMT)

Four held in US for 'passing' secrets to China

The Guardian 4:34 am ET (0934 GMT)

Defense Official Is Charged in Chinese Espionage Case

Washington Post 4:31 am ET (0931 GMT)

Monday, February 11

US Space Shuttle secrets 'were given to China'

The Daily Telegraph 8:08 pm ET (0108 GMT)

Former Boeing Engineer Charged with Economic Espionage in Theft of Space Shuttle Secrets for China

US Department of Justice 7:58 pm ET (0058 GMT)

Ex-Boeing engineer charged in China spy case

Reuters 7:54 pm ET (0054 GMT)

Pentagon official, three others held over China spy charges

AFP 7:50 pm ET (0050 GMT)

Former Boeing Engineer Allegedly Gave Shuttle, Delta 4 Secrets to China

Space News (subscribers only) 7:50 pm ET (0050 GMT)

Pentagon official, others charged with spying

AP 7:37 pm ET (0037 GMT)

US arrests four 'Chinese spies'

BBC 7:31 pm ET (0031 GMT)

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- * Air Force Space Budget Rises About 5 Percent To \$11.9 Billion For Fiscal 2009
- * Analysts Hail Polish Moves Toward Accepting U.S. Ballistic Missile Defense Unit
- * Bush Budget Supports Space Exploration, Missile Defense Well: Analysts
- * Launches /// * Contracts /// * In The News

[\[Defense Daily\]](#) [Table of Contents](#) via Rick Hashimoto (Boeing)

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- * Navy, Industry Begin Construction Effort For DDG-1000
- * JFCOM Lays Out 2008 Plans For Noble Resolve
- * Pentagon Should Continue To Promote COTS, AIA Official Says
- * First Coast Guard Security Cutter Completes Builders Trials
- * NASA Gives ATK \$812.5 Million Contract For Reusable Solid Rocket Motors
- * Two L-3 Sites Achieve CMMI Maturity Level 5

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- * Army Holds Fast To FCS Funding Plan
- * Navy's \$4.5 Billion In Unmet Needs Includes Ships, Aircraft And Weapon Enhancements
- * Navy To Shoot Down Errant Spy Satellite With SM-3
- * Northrop Grumman In Second Year of Next Generation ABIS Development
- * Navy Awards DDG-1000 Construction Contracts
- * JIEDDO: Costing The Enemy More Every Day

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- * NGI Framework Will Allow Inclusion of Emerging Biometrics
- * Northrop Grumman Shipbuilding Looking At Sharing Work Between Yards
- * NATO Moves Closer To Theater Ballistic Missile Defense Capability
- * **F-22** Line Hinges On Commitment To Advance Procurement By October
- * L-3 Shedding Space Microwave Product Line
- * To Keep Aerospace Industry Vital, Policy Can't Be Neglected, AIA Says
- * Backlogged Security Clearances Plague DoD, Contractors, But OPM Sees Progress

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- * Lockheed Martin Nabs FBI Contract To Develop Multi-Modal Biometric Database
- * Tenth LPD-17 Tops Marine Corps List of Unmet Needs
- * Aircraft Self-Protection Receivers Top USSOCOM Wish List
- * TSA Getting Ready To Launch Airport Employee Pilot Screening Program
- * England Tells Senators FY '10 Budget May Take On Key Navy, Air Force Issues
- * Navy Seeking To Establish Ceiling For 30-Year Shipbuilding Plan
- * European Missile Defense Could Include Additional, Mobile Radar: Obering
- * BAE Systems' NLOS-C Platform Fires 1,000th Round
- * Lockheed Martin Camden, Ark., Operations Wins Shingo Silver Medal

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- * Inspection Finds Signs of Bowing In Traverse Beams On LCS-2
- * Air Force Seeks Additional \$18.75 Billion In FY '09
- * Army Seeks \$3.9 Billion In Unfunded Requirements
- * DRS Posts Record Third Quarter Results
- * U.S. Arrests DoD, Former Boeing Official In Separate Spying Cases
- * Foreign Affairs Committee Chairman Lantos Dies
- * MEADS Completes Preliminary Design Review; Tests Set For 2011-13
- * LCS May Need To Take On Feel of Aircraft Acquisition Effort, SECNAV Says
- * Raytheon Joins General Dynamics Team For Halifax Mod Effort
- * Lockheed Martin Receives \$194 Million For Army ATACMS

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