

# THE YEAR IN REVIEW 2001

## BY WILLIAM T. BAKER AND MARK L. EVANS

**O**n 11 September 2001, zealots owing allegiance to al Qaeda, an Islamic terrorist organization with cells in over 60 countries, attacked America. Founded and led by Osama bin Laden, al Qaeda had proclaimed jihad (holy war) against the United States and its allies. Evidence verified that the terrorists were aided and abetted by Taliban, the Islamic fundamentalist regime of Afghanistan. The Taliban's refusal to extradite terrorists and al Qaeda's dangerous threat to the free world left no alternative but to make it clear that harboring terrorists carried a steep price.

On 7 October 2001, the Sailors and Marines about to

spearhead the free world's retribution into Afghanistan—dubbed Operation Enduring Freedom—believed they faced between 45,000 and 70,000 seasoned fighters. Predominantly tough mountaineers bred to their harsh climate, Taliban masters of camouflage and dispersal were experienced by years of warfare. Afghans, who had outlasted invaders for centuries and were led by Taliban religious fanatics, were superbly confident.

The approaching onset of winter promised to render the bleak weather even more severe. In the north, the Hindu Kush mountains climbed to over 24,000 feet, and recurring subfreezing temperatures and shifting, chilling



Above, *Theodore Roosevelt* (CVN 71) underway in the Arabian Sea (PH2 Jason Scarborough). Opposite, top, *Enterprise* (CVN 65) signalmen hoist a flag that flew over the Pentagon post 11 September 2001 (PH3 Joshua C. Millage). Opposite, bottom, after a mission over Afghanistan, an F-14 *Tomcat* aircrew briefs a plane captain aboard *Enterprise* (PHAN Lance H. Mayhew, Jr.).

winds penetrated every layer of clothing, while ground snow caused “whiteouts.” In the deserts, dehydration was a constant concern, and in the south Marine helicopter pilots learned that dust was such a problem they had to maintain forward movement during takeoffs and landings to stay ahead of the dust clouds.

Taliban claimed 250 to 300 aircraft, though only half were operational combat types—believed to be MiG-21BIS *Fishbed*, 21UM *Mongol* and 23BN/UB *Flogger*, as well as Su-20, 22U/M-4/UM *Fitter* and 25K/UBK *Frogfoot* aircraft; and Mi-25 *Hind* gunship and Mi-8 and Mi-17 *Hip* transport helos.

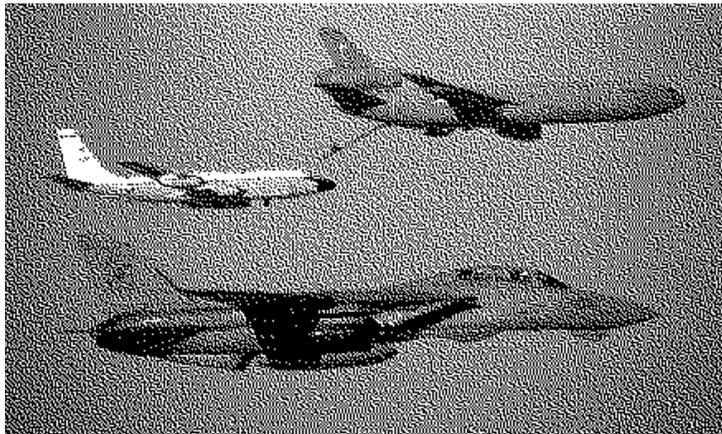
Principal airfields included Baghlan, Bagram, Faizabad, Gardez, Ghazni, Herat, Jalalabad, Kabul, Kandahar, Kholm, Kunduz, Mazar-e-Sharif, Sherpur and Shindand. Air defense was reported as primarily SA-7 Grail and FIM-92A Stinger surface-to-air missiles (SAM), together with strong anti-aircraft artillery (AAA). Taliban teams were anticipated to employ rocket-propelled grenades against helos entering landing zones. America and its allies expected one of the toughest fights they had ever faced.

The first strikes went in around 2230. Approximately 25 strike aircraft from *Enterprise* (CVN 65) and *Carl Vinson* (CVN 70)—supported by about 15 Air Force bombers, including several B-1B *Lancers*, six B-2 *Spirits* of the 509th Bomb Wing and B-52H *Stratofortresses*—struck al Qaeda and Taliban targets with laser-guided bombs, joint direct attack munitions and air-to-ground missiles. In addition, U.S. and British ships and submarines launched 50 Tomahawk land attack missiles.

This concentration of ordnance hit 31 targets, comprising aircraft, airfields, SAM and AAA sites and training camps. Coalition pilots flew just under 200 sorties on the first day with a 100-percent completion rate. No aircraft were diverted ashore and not one was lost.

Seven S-3B *Vikings* from Sea Control Squadron 24 flew ahead above Pakistan to wait for strike aircraft to rendezvous, and refueled the strikers on both inbound and outbound flights. Strike aircraft averaged 5.5 hours per mission, and for northern targets, up to 850 miles away, twice that. Electronic Attack Squadrons 135 and 141 EA-6B

Cdr. Brian G. Gawne



An F-14A *Tomcat* of Fighter Squadron 41 prepares to refuel during flight operations from *Enterprise* (CVN 65) on 5 October 2001.

*Prowlers* completed their core mission of Taliban and al Qaeda electronic suppression, then eventually jammed enemy ground communications, enabling coalition forces to localize the enemy.

Fighter Squadron 14 F-14B *Tomcats* led the first strike into the Afghan capital of Kabul and knocked out its early warning facility. *Tomcats* used the Low-Altitude Navigation and Targeting Infrared for Night system to pinpoint and pass on precision targeting coordinates to other strikers. Tactical Airborne Reconnaissance Pod System equipment was instrumental in identifying and tracking the enemy. Taliban pilots refused to give battle in the air, so F-14 *Tomcats* and

F/A-18C *Hornets* blasted enemy aircraft on the ground.

Joint cooperation reached new levels. Navy fighters escorted Air Force bombers until air supremacy was achieved. Air Force C-17 *Globemaster IIIs* dropped 37,500 humanitarian ration packets to starving refugees, while EC-130Es flown by the 193rd Special Operations Wing, Pennsylvania Air National Guard, broadcast news and information to the Afghan people. Air Force combat controllers used modern technology, including “spotting scopes” (similar to high-powered binoculars) and global positioning system units, to call in Naval Aviation strikes, then traveled on horseback to the next battle. Air Force KC-135 *Stratotankers* performed more than 80 percent of the mission tanking. The United Kingdom’s Operation Veritas supported its allies.

## January

1 CVW-3 aircraft operating from *Harry S. Truman* (CVN 75) on her maiden deployment struck a radar system in southern Iraq with

precision-guided munitions.

9 The flight restriction was lifted on all 165 Marine MH-53E *Sea Dragons*, grounded on 25 August 2000 following the 10 August crash of a *Sea Dragon* off Corpus Christi, Texas. The aircraft were fitted with monitoring systems for the duplex swashplate bearings in the main rotor.

11 Navy changed the status of LCdr. Michael Scott Speicher, VFA-81, from killed in action/body not recovered to missing in action. On 17 January 1991 Speicher was flying his F/A-18C *Hornet* from *Saratoga* (CV 60) when he was shot down over Iraq.

19 At White Sands Missile Range, N.M., the Joint Air-to-

# Patrol Squadron Major Deployments, 2001

## NAS Keflavik, Iceland/ NS Roosevelt Roads, PR

VP-10 Aug 00–Feb 01  
VP-8 Feb 01–Aug 01  
VP-16 Aug 01–Feb 02

## NAS Sigonella, Italy

VP-45 Aug 00–Feb 01  
VP-26 Feb 01–Aug 01  
VP-5 Aug 01–Feb 02

## Indian Ocean (Dets in North Arabian Sea/ Arabian Gulf)

VP-47 Dec 00–Jun 01  
VP-9 Jun 01–Dec 01  
VP-4 Dec 01–Jun 02



## NAF Misawa, Japan (Det at Kadena, Okinawa)

VP-1 Dec 00–Jun 01  
VP-46 Jun 01–Dec 01  
VP-40 Dec 01–Jun 02

Note: All squadrons fly the P-3C Orion.

A P-3C Orion of Patrol Squadron 46, NAS Whidbey Island, Wash., hunts for a submarine off Malaysia on 25 July 2001 as part of an annual Cooperation Afloat Readiness and Training exercise.

PH1 Kevin H. Tierney

Surface Standoff Missile performed its first flight using an imaging infrared seeker to guide to the target.

**19** Navy awarded Lockheed Martin, Orlando, Fla., a contract modification worth \$62.9 million over three years to provide 40 Consolidated Automated Support Systems (CASS) stations. Used to test avionics, CASS was the world's largest automated test support program.

**20** Donald H. Rumsfeld, a former Naval Aviator, was sworn in as the 21st Secretary of Defense.

**25** Flight tests were concluded on the AQS-22 dipping sonar for the SH-60R *Seahawk*. A total of 243 SH-60R upgrades from the SH-60B were planned by 2012.

**26** Newport News Shipbuilding, Va., was awarded a contract for the design and construction of CVN 77, scheduled for delivery in 2008.

## February

Navy began testing the Joint Helmet-Mounted Cueing System for the F/A-18E/F *Super Hornet*.

**2** Navy announced the selection of 14 Advanced Concept

Technology Demonstration FY 2001 projects, including an advanced tactical laser for aircraft; a loitering electronic warfare killer; an unmanned aerial vehicle; and a tactical missile penetrator against hard and deeply buried targets.

**5–11** During a maritime interdiction operation surge enforcing Iraqi compliance with UN sanctions, aircraft 617 from HS-7 was instrumental in halting the smuggling of 2,300 metric tons of Iraqi oil worth \$460,000 by the vessels *Al Salam* and *Mustafa*.

**6** The CH-60S *Seahawk* was redesignated MH-60S to better reflect its diverse primary missions of armed helicopter, organic airborne mine countermeasures and vertical replenishment.

**7** Space shuttle *Atlantis* launched with Naval Aviation personnel retired naval officer Kenneth D. Cockrell and Cdr. Robert L. Curbeam, Jr., on board.

**13** Boeing Co., St. Charles, Mo., was awarded a \$36.4 million contract for the production of the Standoff Land Attack Missile-Expanded Response (SLAM-ER). A total of 346 SLAM-ERs were

ordered through 2004. Approximately 700 AGM-84H SLAMs in inventory would be retrofitted with the SLAM-ER upgrade.

**15** When an earthquake devastated Mumbai, India, *Cowpens* (CG 63) and HSL 51 Det 2 delivered over \$80,000 worth of disaster relief supplies.

**16** F/A-18C *Hornets*, USAF F-15E *Eagles* and British GR1 *Tornados*, supported by VAQ-130 EA-6B *Prowlers*, struck five Iraqi radar and command, control and communication nodes outside Baghdad.

**24** The X-31 thrust vectoring demonstrator flew for the first time since 1995, at NAS Patuxent River, Md.

## March

Formal training began for Naval Aviation personnel selected for International Space Station missions beginning in 2002. Selectees were retired Capt. Frank L. Culbertson and Kenneth D. Bowersox, Cdr. Daniel W. Bursch, LCdr. Scott J. Kelly and Marine Lt. Col. Carlos I. Noriega.



**Chairman of the Joint Chiefs of Staff General Henry H. Shelton presents awards to 24 crew members of the captured EP-3E *Aries II* who were detained by Chinese authorities on Hainan Island, Peoples Republic of China, following a midair collision with a Chinese J-8 fighter over international waters on 1 April. The presentations were made during the 2001 Department of Defense Open House at Andrews AFB, Md., on 18 May.**

**4** *Ronald Reagan* (CVN 76) was christened at Newport News Shipbuilding, Va. Launched six days later, she was scheduled for commissioning in 2003.

**7** Navy announced that blendable borescope technology developed by Pratt & Whitney for repairing commercial jet engines had been adapted to allow AV-8B *Harrier II* engines to be serviced without removal from the aircraft.

**8** Space shuttle *Discovery* launched from Kennedy Space Center, Fla., with Naval Aviator Capt. James D. Wetherbee on board. It returned on 21 March with Capt. William M. Shepherd from the International Space Station.

**24** The Shared Reconnaissance Pod Program began testing on board F/A-18E *Super Hornet* E2 at China Lake, Calif. Carried on the aircraft's centerline, the pod was designed to provide high- and medium-altitude tactical reconnaissance capability.

**28** Navy agreed to allow Sailors in the aviation machinist's mate and aviation structural mechanic ratings to apply skills learned in "A" School toward an associate's degree in aviation maintenance technology.

**31** AH-1Z *Super Cobra* aircraft number 1 (BuNo 162549) arrived at NAS Patuxent River, Md., for continued flight testing.

## April

The Boeing Co., St. Louis, Mo., was awarded a \$235 million contract for 11,054 Joint Direct Attack Munitions including 672 for the Navy. JDAMs incorporate a new tail section containing an inertial navigation system/global positioning system to convert unguided free-fall bombs into guided weapons.

**1** While flying a routine surveillance mission in international airspace over the South China Sea, a VQ-1 EP-3E *Aries II* (BuNo 156511) was disabled in a midair collision by a Chinese J-8. Lt. Shane Osborn, mission commander, recovered and executed an emergency landing at the nearest airfield, Lingshui, a Chinese air base on Hainan Island. The 24 crew members were detained.

**1** HSL-60, the Navy's first reserve Light Airborne Multi-Purpose System MK III squadron, was established at NS Mayport, Fla. Its six SH-60B *Seahawks* were intended to support reserve frigates by eliminating the gap between the total of 82 active duty LAMPS dets and the 88 required fleet-wide.

**2** A fire on board *Lexington* (AVT 16) in Corpus Christi Bay, Texas, caused extensive damage to the carrier, a non-Navy museum.

**3** Navy ordered 24 T-6A *Texan IIs* and technical support from Raytheon Co., Wichita, Kans., worth \$148 million as part of the Joint Primary Aircraft Training System with the Air Force. Navy planned 328 *Texan IIs* through 2017.

**6** The X-31 completed its first flight phase at NAS Patuxent River, Md.

**6** Amphibious assault ship *Iwo Jima* (LHD 7) was delivered to the Navy at Northrop Grumman Ingalls Shipbuilding, Pascagoula, Miss.

**11** *Abraham Lincoln* (CVN 72) began a six-month planned incremental availability at PSNS Bremerton, Wash.

**12** VAdm. Joseph S. Mobley, the Navy's last Vietnam-era POW on active duty, was relieved as Commander Naval Air Force, U.S. Atlantic Fleet by RAdm. Michael D. Malone, on board *Theodore Roosevelt* (CVN 71) at NS Norfolk, Va.

**16** The 24 crew members of the VQ-1 EP-3E *Aries II* detained in China following a 1 April midair collision with a Chinese fighter returned to NAS Whidbey Island, Wash.

**19** Space Shuttle *Endeavour* launched from Kennedy Space Center, Fla., with Naval Aviation personnel Capts. Kent V. Rominger and Jeffrey S. Ashby and retired Capt. John L. Philips on board. *Endeavour* returned to Edwards AFB, Calif., on 1 May.

**19** The NP2000 E-2C *Hawkeye* completed its first flight at NAS Patuxent River, Md. The aircraft was equipped with digitally controlled, all-composite eight-bladed propeller systems.

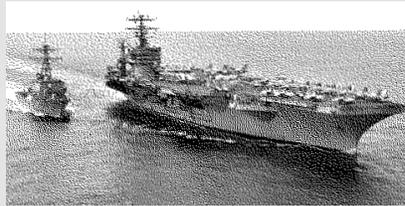
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# Carrier and Air Wing Deployments, 2001

## *Abraham Lincoln (CVN 72)*

CVW-14 (Tail Code: NK)  
IO/WestPac  
14 Aug 00–12 Feb 01

| Squadron     | Aircraft      |
|--------------|---------------|
| VF-31*       | F-14D         |
| VFA-25       | F/A-18C       |
| VFA-113      | F/A-18C       |
| VFA-115      | F/A-18C       |
| VAW-113      | E-2C          |
| VAQ-139      | EA-6B         |
| VRC-30 Det 1 | C-2A          |
| VS-35        | S-3B          |
| HS-4         | SH-60F/HH-60H |



**Destroyer O'Kane (DDG 77) refuels from Carl Vinson (CVN 70) on 20 December 2001 (PH3 Carol Warden).**

|                           |               |
|---------------------------|---------------|
| VFA-151                   | F/A-18C       |
| VMFA-323 (WS)**           | F/A-18C       |
| VAW-116                   | E-2C          |
| VAQ-131                   | EA-6B         |
| VRC-30 Det 2              | C-2A          |
| VS-38                     | S-3B          |
| HS-2                      | SH-60F/HH-60H |
| HSL-47 Det 4 <sup>‡</sup> | SH-60B        |

## *Harry S. Truman (CVN 75)*

CVW-3 (Tail Code: AC)  
Mediterranean/IO  
28 Nov 00–23 May 01

| Squadron        | Aircraft      |
|-----------------|---------------|
| VF-32*          | F-14B         |
| VFA-37          | F/A-18C       |
| VFA-105         | F/A-18C       |
| VMFA-312 (DR)** | F/A-18C       |
| VAW-126         | E-2C          |
| VAQ-130         | EA-6B         |
| VRC-40 Det 1    | C-2A          |
| VS-22           | S-3B          |
| HS-7            | SH-60F/HH-60H |

*Enterprise (CVN 65)*  
CVW-8 (Tail Code: AJ)  
Mediterranean/IO  
25 Apr 01–10 Nov 01

| Squadron     | Aircraft      |
|--------------|---------------|
| VF-14*       | F-14B         |
| VF-41*       | F-14B         |
| VFA-15       | F/A-18C       |
| VFA-87       | F/A-18C       |
| VAW-124      | E-2C          |
| VAQ-141      | EA-6B         |
| VRC-40 Det 5 | C-2A          |
| VS-24        | S-3B          |
| HS-3         | SH-60F/HH-60H |

## *Kitty Hawk (CV 63)<sup>†</sup>*

CVW-5 (Tail Code: NF)  
WestPac  
2 Mar 01–11 Jun 01

| Squadron     | Aircraft      |
|--------------|---------------|
| VF-154*      | F-14A         |
| VFA-27       | F/A-18C       |
| VFA-192      | F/A-18C       |
| VFA-195      | F/A-18C       |
| VAW-115      | E-2C          |
| VAQ-136      | EA-6B         |
| VRC-30 Det 5 | C-2A          |
| VS-21        | S-3B          |
| HS-14        | SH-60F/HH-60H |

*Carl Vinson (CVN 70)*  
CVW-11 (Tail Code: NH)  
IO  
23 Jul 01–23 Jan 02

| Squadron     | Aircraft      |
|--------------|---------------|
| VF-213*      | F-14D         |
| VFA-22       | F/A-18C       |
| VFA-94       | F/A-18C       |
| VFA-97       | F/A-18C       |
| VAW-117      | E-2C          |
| VAQ-135      | EA-6B         |
| VRC-30 Det 3 | C-2A          |
| VS-29        | S-3B          |
| HS-6         | SH-60F/HH-60H |

## *Constellation (CV 64)*

CVW-2 (Tail Code: NE)  
WestPac/IO  
15 Mar 01–15 Sep 01

| Squadron | Aircraft |
|----------|----------|
| VF-2*    | F-14D    |
| VFA-137  | F/A-18C  |

*Theodore Roosevelt (CVN 71)*  
CVW-1 (Tail Code: AB)  
Mediterranean/IO

19 Sep 01–27 Mar 02

| Squadron        | Aircraft      |
|-----------------|---------------|
| VF-102*         | F-14B         |
| VFA-82          | F/A-18C       |
| VFA-86          | F/A-18C       |
| VFMA-251 (DW)** | F/A-18C       |
| VAW-123         | E-2C          |
| VAQ-137         | EA-6B         |
| VRC-40 Det 2    | C-2A          |
| VS-32           | S-3B          |
| HS-11           | SH-60F/HH-60H |

## *Kitty Hawk (CV 63)<sup>†</sup>*

CVW-5 (Tail Code: NF)  
Operation Enduring Freedom  
1 Oct 01–23 Dec 01

| Squadron     | Aircraft      |
|--------------|---------------|
| VFA-27       | F/A-18C       |
| VFA-192      | F/A-18C       |
| VFA-195      | F/A-18C       |
| VS-21        | S-3B          |
| VRC-30 Det 5 | C-2A          |
| HS-14        | SH-60F/HH-60H |

Special Operations Aircraft<sup>§</sup>

## *John C. Stennis (CVN 74)*

CVW-9 (Tail Code: NG)  
IO  
12 Nov 01–12 May 02

| Squadron        | Aircraft      |
|-----------------|---------------|
| VF-211*         | F-14A         |
| VFA-146         | F/A-18C       |
| VFA-147         | F/A-18C       |
| VMFA-314 (VW)** | F/A-18C       |
| VAW-112         | E-2C          |
| VAQ-138         | EA-6B         |
| VRC-30 Det 4    | C-2A          |
| VS-33           | S-3B          |
| HS-8            | SH-60F/HH-60H |

\*All deployed F-14 squadrons are equipped with the Tactical Air Reconnaissance Pod System and Low-Altitude Navigation and Targeting Infrared for Night.

\*\* While on deployment, VMFA squadrons take on the tail code of the air wing. Their original tail codes are noted in parentheses.

<sup>†</sup>*Kitty Hawk* (CV 63) operates from her home port in Yokosuka, Japan.

<sup>‡</sup>This deployment marked the first time an HSL det deployed as part of an air wing.

<sup>§</sup>*Kitty Hawk* (CV 63) deployed during



PH2 Andrew Meyers

**21** Destroyer *Lassen* (DDG 82), named in honor of Ltjg. Clyde Everett Lassen, was commissioned at Tampa, Fla. Lassen was awarded the Medal of Honor for a 19 June 1968 night rescue of two aviators from *America* (CVA 66), whose F-4J *Phantom II* had been shot down over North Vietnam.

**21** The first C-40A *Clipper* was delivered to the Naval Air Reserve at NAS JRB Fort Worth, Texas.

**23** A Naval Strike Aircraft Test Squadron F/A-18A *Hornet* made the first fully automated landing at sea using the global positioning system, on board *Theodore Roosevelt* (CVN 71) off Norfolk, Va.

**28** An operation leading to the largest cocaine drug seizure in maritime history began. A Customs Service P-3 *Orion* supported a Coast Guard HC-130 *Hercules* shadowing suspected smuggler *Svesda Maru*. Frigate *Rodney M. Davis* (FFG 60), with an embarked Coast Guard law enforcement detachment, intercepted *Svesda Maru* 600 miles south of Acapulco, Mexico. *Davis* was then relieved by Coast Guard cutter *Active* (WMEC 618). A total of 460 bales (26,397 pounds) of cocaine worth \$844 million were seized.

## May

Navy released ALNAV 047/01, which changed the standards for student pilot uncorrected vision from

**L-R, Kitty Hawk (CV 63), USNS Rappahannock (T-AO 204), HMAS Brisbane (DDG 41) and Chancellorville (CG 62) conduct a replenishment at sea during Exercise Tandem Thrust on 11 May 2001.**

uncorrected 20/30 correctable to 20/20, to uncorrected 20/40 correctable to 20/20. Standards for pilots in Group II relaxed from 20/100 to 20/200 and from 20/200 to 20/400 for Group III.

NAVADMIN 101/01 announced the reinstatement of the NFO to Pilot Program, with 12–36 eligible NFOs selected annually.

**1** Navy awarded Northrop Grumman Ingalls Shipbuilding, Pascagoula, Miss., an additional \$196 million for continued construction of LHD 8, the first gas turbine-powered *Wasp* (LHD 1)-class amphibious assault ship.

**7** Navy announced the award to Northrop Grumman, San Diego, Calif., of a \$14.2 million contract for low-rate initial production of the RQ-8A *Fire Scout* vertical takeoff and landing unmanned aerial vehicle.

**8** The first RQ-2B Block upgrade *Pioneer* unmanned aerial vehicle rolled out at NAS Patuxent River, Md.

**22** *Dwight D. Eisenhower* (CVN 69) arrived at Newport News

Shipbuilding, Va., for a four-year refueling and complex overhaul, her only one scheduled.

**23** Raytheon Co., El Segundo, Calif., announced a \$62 million contract for low-rate initial production of 15 Advanced Targeting Forward Looking Infrared Receiver pods and spares for the F/A-18A–D *Hornet* and F/A-18E/F *Super Hornet*.

**25** The SH-60R *Seahawk* was redesignated MH-60R to better reflect its diverse primary missions of undersea warfare, antisurface warfare and naval surface fire support.

**29** Robert Grant Smith died at his home in California. Best known as a Naval Aviation artist, Smith's career began in 1936 as an engineer with Northrop Aircraft. In 1994 he became the first recipient of the R. G. Smith Award for excellence in Naval Aviation art, named in his honor by the Naval Aviation Museum Foundation, Pensacola, Fla.

## June

**15** Secretary of the Navy announced that the Navy would discontinue training on Vieques Island by 1 May 2003.

**19** Remains returned from Vietnam were identified as Col. Winfield W. Sisson, USMC, and Col. Harley B. Pyles, USAF. On 18 October 1965 their O-1E *Bird Dog* crashed on a mountainside in South

Vietnam during low-level clouds and heavy rain.

**22** AH-1Z *Super Cobra* Zulu 1 logged its 100th flight hour at NAS Patuxent River, Md.

**23** Destroyer *Mason* (DDG 87) was christened at Bath Iron Works, Maine. The destroyer was named in honor of Ens. Newton Henry Mason of VF-3 who was posthumously awarded the Distinguished Flying Cross for his actions against the Japanese during the Battle of the Coral Sea on 8–9 May 1942.

**25** VFA-115 became the first operational squadron to complete transition to the F/A-18E/F *Super Hornet*, receiving its “safe for flight” certification at NAS Lemoore, Calif. The squadron was scheduled for deployment with CVW-14 on board *Abraham Lincoln* (CVN 72) in summer 2002.

**26** Lockheed Martin, Marietta, Ga., began full-scale fatigue testing of an S-3 *Viking* to determine its remaining structural life.

**27** Secretary of Defense released details of the FY 2002 budget, including a 4.1 percent across-the-board pay raise for service members. Naval Aviation was authorized 2,480 active aircraft (1,460 Navy and 1,020 Marine), not including trainers or TACAMOs, as well as 407 reserve aircraft (221 Navy and 186 Marine)—a build-rate goal of only 90 aircraft per year instead of the 180–210 requested. Ordnance included 30 Standoff Land Attack Missiles-Expanded Reponse, 9,207 Joint Direct Attack Munitions, 57 AIM-120 Advanced Medium Range, Air-to-Air Missiles and 90 RIM-116A Rolling Airframe Missiles.

**28** Following her only scheduled three-year refueling and overhaul, at Newport News Shipbuilding, Va., *Nimitz* (CVN 68) was redelivered to the Navy at NS Norfolk, Va.

**29** Navy awarded an additional \$81 million to Northrop Grumman

## Electronic Attack (VAQ) Expeditionary Squadron Major Deployments, 2001

### Incirlik Air Base, Turkey

|         |               |
|---------|---------------|
| VAQ-128 | Oct 00–Jan 01 |
| VAQ-133 | Jan 01–May 01 |
| VAQ-134 | May 01–Aug 01 |
| VMAQ-1  | Aug 01–Nov 01 |
| VMAQ-3  | Nov 01–Feb 02 |

### Prince Sultan Air Base, Saudi Arabia

|          |               |
|----------|---------------|
| VMAQ-1   | Oct 00–Jan 01 |
| VMAQ-3   | Jan 01–Apr 01 |
| VAQ-209* | Apr 01–May 01 |
| VAQ-142  | May 01–Aug 01 |
| VAQ-128  | Aug 01–Nov 01 |
| VAQ-133  | Nov 01–Feb 02 |

### MCAS Iwakuni, Japan†

|        |               |
|--------|---------------|
| VMAQ-4 | Oct 00–Mar 01 |
|--------|---------------|

\*Reserve squadron deployment.

Ingalls Shipbuilding, Pascagoula, Miss., for the construction of LHD 8.

**30** HSL-84 was deactivated at NAS North Island, Calif., marking the passing of the Navy’s Light Airborne Multipurpose System MK I program.

**30** Amphibious assault ship *Iwo Jima* (LHD 7) was commissioned at NAS Pensacola, Fla.

## July

*Kitty Hawk* (CV 63) installed the RIM-116A Rolling Airframe Missile system, comprising two mounts, each holding 21 missiles per launcher. Additional systems were installed on *Peleliu* (LHA 5).

Navy announced qualification of the Common Crash Resistant Troop Seat System. Designed to accommodate and protect nearly any size person, it was expected to first enter the fleet in the upgraded UH-1 “Huey.”

**5** The disassembled pieces of the VQ-1 EP-3E *Aries II*—held by Chinese authorities after it landed on Hainan island following a midair collision with a Chinese fighter on 1 April—arrived at Dobbins ARB, Marietta, Ga., on board a Russian Antonov-124 transport.

**9** An E-2C *Hawkeye* equipped with a Surveillance Infrared Search and Track sensor detected and tracked a theater ballistic missile launched from White Sands Missile Range, N.M.

**11** The National Defense Authorization Act of FY 2002 included bill H.R. 2586, stating that the Secretary of the Navy could close the Vieques Island live-fire training range only if CNO and Commandant of the Marine Corps jointly certified that an alternative providing equivalent or superior training was available immediately thereafter.

**12** Space shuttle *Atlantis* launched from Kennedy Space Center, Fla., with Marine Aviator Maj. Charles O. Hobaugh on board. *Atlantis* returned on 24 July.

**18** Navy announced that the crew of *Enterprise* (CVN 65) had been selected to debut the fleet’s new flight deck trousers, designed for comfort and durability.

**19** At Sikorsky Aircraft, Stratford, Conn., the first SH-60B remanufactured into an MH-60R *Seahawk* made its maiden flight.

**31** The Pentagon announced an increase in Iraqi violations following a missile launch against an E-2C *Hawkeye* inside Kuwaiti airspace on 19 July. In Operation Southern Watch, there were 221 Iraqi provocations against coalition aircraft in 2000, but 370 to date in 2001. For Operation Northern Watch, there were 145 during 2000, and 62 since January 2001. To date in 2001, the coalition

struck Iraq 19 times in the south and seven in the north.

### August

The first upgraded TAV-8B *Harrier II*, the two-seat trainer version, was delivered to VMAT-203 at MCAS Cherry Point, N.C. Scheduled for 17 aircraft, the upgrade included enhanced night attack and radar capabilities.

The arc fault circuit breaker, designed to protect aircraft from wire-related mishaps, made its first flight on board a Navy C-9 *Skytrain II* at NS Norfolk, Va. It was scheduled for production in 2002.

**1** S-3B *Vikings* of VS-24 equipped with the Surveillance System Upgrade, a synthetic aperture radar coupled with a tactical common data link, deployed with CVW-8 in support of Operation Southern Watch. The *Vikings* tracked and identified multiple targets in southern Iraq and provided coordinates for RQ-1A *Predator* unmanned aerial vehicles from ranges of over 50 miles.

**2-3** Coast Guard HH-60A *Jayhawks* and HH-65A *Dolphins* supported three cutters in rescuing 22 survivors from a Cuban migrant vessel that capsized southeast of Key West, Fla. The crews flew 26 sorties covering over 1,000 square miles during the two-day SAR mission.

**5** A team of 10 specialists began a 30-day excavation on the slope of Mutnovskiy volcano, Kamchatka, Russia, tentatively identified on 11 August 2000 as the crash site of a PV-1 *Ventura*. On 25 March 1944 the *Ventura* and its crew of seven failed to return to Attu, Aleutian Islands, from a five-plane reconnaissance and bombing mission against the Japanese in the Kurile Islands.

**10** About 20 coalition strike aircraft, comprising F/A-18C *Hornets* and F-14B *Tomcats* from *Enterprise* (CVN 65), supported by USAF F-16 *Falcons* and British GR1 *Tornados*, attacked communication, radar and missile sites near Baghdad, Iraq.

## Aviation Command Changes, 2001

### Established

|   |        |
|---|--------|
| Sea Control Wing Pacific Detachment AIMD                    | 1 Mar  |
| Strike Fighter Wing Pacific Detachment AIMD                 | 1 Mar  |
| Airborne Early Warning Wing Pacific Detachment AIMD         | 1 Mar  |
| Electronic Attack Wing Pacific Detachment AIMD              | 1 Mar  |
| Aircraft Intermediate Maintenance Unit (AIMU), Fallon, NV   | 1 Mar  |
| HSL-60  | 1 Apr  |
| Naval Air Depot Jacksonville Detachment, Oceana, VA         | 1 Jul  |
| Sea Control Weapons School, Jacksonville, FL                | 13 Sep |
| Naval Air Mediterranean Repair Activity, Naples, Italy      | 1 Oct  |
| Naval Technical Training Center, Lackland AFB, TX           | 1 Oct  |
| Naval Air Forces, North Island, CA                          | 16 Oct |
| Fleet Forces Command, Norfolk, VA                           | 16 Oct |
| Naval Air Maintenance Training Group Detachment, Milton, FL | 20 Sep |

### Commissioned

|                         |        |
|-------------------------|--------|
| <i>Iwo Jima</i> (LHD 7) | 30 Jun |
|-------------------------|--------|

### Deactivated

|  |        |
|--|--------|
| HSL-94   | 1 Apr  |
| HSL-84   | 30 Jun |
| Naval Air Pacific Repair Activity Detachment, Naples, Italy  | 1 Oct  |
| Naval Technical Training Center Detachment, Lackland AFB, TX | 1 Oct  |

### Redesignated

|   |        |
|---|--------|
| Naval Aviation Depot Cherry Point, NC, to Naval Air Depot Cherry Point  | 20 Apr |
| Naval Aviation Depot Jacksonville, FL, to Naval Air Depot Jacksonville  | 20 Apr |
| Naval Aviation Depot North Island, CA, to Naval Air Depot North Island  | 20 Apr |
| NAS Key West, FL, to NAF Key West   | 30 Sep |
| Naval Air Warfare Center, Weapons Division Detachment, White Sands Missile Range, NM, to Port Hueneme Division Naval Surface Warfare Center Detachment, White Sands Missile Range | 15 Nov |

**10** Space shuttle *Discovery* launched from Kennedy Space Center, Fla., with Naval Aviators retired Capt. Frank L. Culbertson and Frederick Sturckow on board. *Discovery* returned on 22 August.

**16** The Navy awarded Northrop Grumman, Melbourne, Fla., a \$44.7 million contract for the Coastal Battlefield Reconnaissance and Analysis program, an airborne mine

detection system utilizing an unmanned aerial vehicle, for the Marines.

**16** Upon retirement, VAdm. Arthur K. Cebrowski, President, Naval War College, transferred the Gray Eagle title to RAdm. Robert M. Nutwell, Deputy Assistant Secretary of Defense, in a Pentagon ceremony. The title honors the Naval Aviator on active duty with the

earliest designation date.

**21** Aviation Career Continuation Pay, a sea- and performance-based incentive designed to enhance retention of experienced officers for Naval Aviation, was authorized. Officers designated as Naval Aviators or active duty Naval Flight Officers at or below O-6 paygrade; qualified to perform operational flying duty; and having less than 24 years aviation service were eligible.

**27** President Theodore Roosevelt's Medal of Honor—awarded for leading the “Rough Riders” of the 1st Volunteer Cavalry up Kettle and San Juan Hills against the Spanish on 1 July 1898—was presented to *Theodore Roosevelt* (CVN 71). It was displayed through 14 September, then transferred to the Theodore Roosevelt inaugural site, Buffalo, N.Y.

**29** The first guided BLU-109 2,000-pound Joint Direct Attack Munition launch from an F/A-18E *Super Hornet* occurred at NAWS China Lake, Calif.

**29** The Joint UAV in Time Sensitive Operations Joint Test & Evaluation organization was established at NAS Fallon, Nev. Led by a Navy director, the temporary joint-DOD organization was tasked with addressing commonality in unmanned aerial vehicle operations and training.

**29** The Secretary of the Navy implemented the National Defense Authorization Act for FY 2001, passed on 1 October 2000, granting back pay to Navy and Marine WW II POWs imprisoned between 7 December 1941 and 31 December 1946, who were selected for promotion but not available to accept the promotion. The act included surviving spouses of deceased POWs and allowed two years for collection.

**31** The Marines accepted delivery of the first three production KC-130J *Hercules*, the first arriving at VMGRT-253, MCAS Cherry Point, N.C., on 7 September. All 79 Marine KC-130F/R/Ts were to be replaced with KC-130Js. Seven were



PH2 Marjorie McNamee

**Helicopter Combat Support Squadron 5 crewman HM3 Raymond Munn assesses a “victim” with the assistance of AM3 Todd Steinbrecher during a search and rescue exercise on 31 May 2001.**

requested for 2001, all for VMGRT-253 following testing at NAS Patuxent River, Md.

**31** The Marines accepted delivery of a UC-35D *Encore*, the third of seven planned to replace the CT-39 *Sabreliner*. To be assigned to MCAS Miramar, Calif., it was to be followed over the next six months by two more, one to MCAS Futenma, Okinawa, and one to Marine Reserve NAF Washington. Two initial UC-35C *Ultras* were assigned to Marine Reserve NAS New Orleans, La.

## September

**5** The MH-60 *Seahawk* common cockpit received certification for flight in instrument meteorological conditions, paving the way for operational evaluation.

**10** On the eve of the terrorist attacks, the Navy comprised 375,618 active and 170,168 reserve personnel and 4,108 operational aircraft and 317 ships, with 44,638

personnel and 91 ships deployed. Carriers underway were *Enterprise* (CVN 65) in the Arabian Gulf, *Carl Vinson* (CVN 70) in the Indian Ocean, and *Constellation* (CV 64) and *John C. Stennis* (CVN 74) in the Pacific.

**11** Hijackers flew two Boeing 767 airliners, American Flight 11 and United 175, into the twin World Trade Center towers in New York City, collapsing both and devastating nearby buildings. Two Boeing 757s were also hijacked: American 77 crashed into the Pentagon, and United 93 was seized for a second attack against the nation's capital, which was thwarted by passengers, and the plane crashed in southern Pennsylvania. The terrorist atrocities killed as many as 3,000 people from over 80 nations.

**11–12** DOD declared Force Protection Condition Delta, the highest alert. The *George Washington* (CVN 73) battle group sailed from NS Norfolk, Va., to protect New York City, responding



**Enterprise (CVN 65) steams alongside fast combat support ship Arctic (AOE 8) during a vertical replenishment in the Arabian Gulf on 5 September 2001.**

to tasking from the North American Aerospace Defense Command, as well as supporting hospital ship *Comfort* (AH 20). The *John F. Kennedy* (CV 67) and *John C. Stennis* (CVN 74) battle groups positioned themselves to defend the East and West coasts, respectively, while across the globe aircraft ashore emergency-sorted. The Coast Guard began to escort Navy ships departing or arriving ports.

**14** The president declared a national emergency and authorized the call-up of up to 50,000 reservists and National Guardsmen. Initial participation included 13,000 Air Force, 10,000 Army, 7,500 Marine, 3,000 Navy and 2,000 Coast Guard personnel.

**14** Navy received \$3.8 billion from H.R. 2888, which provided a \$40 billion appropriation for national security measures. Passed as P.L. 107-38 on 18 September, it was followed by P.L. 107-40, which authorized the use of the armed forces against those responsible for the terrorist attacks.

**19** The first AH-1W *Super Cobra* was inducted at NADEP Cherry Point, N.C., as part of the Integrated Maintenance Concept, designed to produce a shorter maintenance turnaround time.

**19** The *Theodore Roosevelt* (CVN 71) battle group deployed from NS Norfolk, Va., escorted by

HH-60H *Seahawks* from HS-11.

**24** The Navy accepted delivery of the first full-rate production F/A-18F *Super Hornet* (BuNo 165875), to be assigned to VFA-115. To date, 67 *Super Hornets* had been delivered, including 12 to VFA-115 and 34 to VFA-122.

**24** Secretary of Defense delegated his “stop-loss” authority to the heads of military departments, allowing the services to retain individuals on active duty beyond their date of separation. President George H. W. Bush first delegated stop-loss authority to the Secretary of Defense during Operation Desert Shield in 1990, though it has not been implemented since Operation Allied Force in 1999. Approximately 10,500 naval personnel in 11 critical specialties were affected.

**25** Secretary of Defense announced that America’s war on terrorism outside the U.S. was designated Operation Enduring Freedom. Activities to sustain homeland defense and civil support were designated Operation Noble Eagle.

**28** Remains returned from Vietnam were identified as Lt. Edd D. Taylor, VA-152. On 29 August 1965 Taylor, flying an A-1H *Skyraider* (BuNo 134619) from *Oriskany* (CVA 34) on a search and rescue mission for a downed Air Force pilot, was shot down over

North Vietnam.

**30** The first U.S. flag raised over the rubble of the World Trade Center in New York City was hoisted on board *Theodore Roosevelt* (CVN 71).

## October

Shortly after the terrorist attacks on America, VQ-1 aircrews began flying over Afghanistan, providing invaluable intelligence and situational awareness to theater commanders.

**2** Commandant of the Coast Guard announced that 2001 interdiction operations had collected an all-time record amount of cocaine in maritime seizures, most made possible with the close cooperation provided by Naval Aviation.

**4** In preparation for the air campaign against Afghanistan, HS-3 and HS-6 stood up as the Navy’s combat search and rescue (CSAR) alert package for the northern Arabian Sea. The Navy was initially responsible for all CSARs in Pakistan south of 28° north and all overwater SARs.

**4-7** As H-hour approached P-3C *Orions* executed intelligence, surveillance and reconnaissance flights over Afghanistan, while VFA-15 F/A-18C *Hornets* flew combat air patrols over Pakistan. The enormous distances necessitated the eventual establishment of forward operating bases and forward arming and refueling points ashore in Pakistan: Pasni, on the coast; Shamsi, approximately 90 miles inland from Pansi; and Jacobabad and Dalbandin, both deeper in the interior.

**6** NATO Standing Naval Force, Mediterranean began patrols in the eastern Med in support of the war on terrorism. On 12 September NATO implemented Article 5, which stated