

The Year in Review



Bobby Merrill

During Operation Allied Force, an F-14 Tomcat from VF-14, above, returns to Theodore Roosevelt (CVN 71) after a mission. Right, TR steams with Gonzalez (DDG 66) while operating in the Ionian Sea.



PH2 Steven Harbour

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April

3 *Theodore Roosevelt* (CVN 71) arrived in the Mediterranean to support Operation Allied Force. *TR*'s CVW-8 embarked 30 percent of the total naval aircraft deployed, flying 4,270 of the 38,000 sorties and destroying or damaging 447 tactical and 88 fixed targets with zero losses. During a strike against the Serbian airfield at Podgorica, Montenegro, aircraft from *TR* obliterated the target using 2,000-pound GBU-24 munitions, destroying 26 aircraft and an underground complex in eight hours.

3 *Kitty Hawk* (CV 63) was directed to relieve *Enterprise* (CVN 65) in the Arabian Gulf.

8 Marconi Aerospace Electrical Systems, Inc., delivered the first ALQ-99 Band 9/10 radar jamming transmitter for the EA-6B *Prowler*.

9 Using a portable situational awareness aid for darkness and variable weather conditions (designated Ground/Air Display for Geographical/Hydrographic Tracking), VX-1 flew an HH-60 *Seahawk* from NAS Patuxent River, Md., to the National Imagery and Mapping Agency, Bethesda, Md. This successfully demonstrated the system's moving map capabilities when linked to a global positioning satellite.

11 MH-53E *Sea Dragons* and H-46 *Sea Knights* from HMs 14 and

15 embarked aboard *Inchon* (MCS 12) delivered 6,000 pounds of relief supplies to refugees in Kukes, Albania, marking the beginning of the Navy's contribution to NATO's humanitarian operation Shining Hope.

13 An S-3B *Viking* from VS-31 flown by Lts. Chris Marrs, Mike Reinmuth and Doug Carpenter and Ltjg. Dirk Hart conducted the first successful guidance of a Standoff Land Attack Missile at San Nicolas Island, Calif. Lt. Kevin Healey from VFA-131 piloted the F/A-18 *Hornet* that launched the missile.

15 VAW-113 received the first E-2C *Hawkeye* configured with the

Mission Computer Upgrade coupled with an Advanced Control Indicator Set (BuNo 164352). The squadron was selected to conduct the operational evaluation for the new systems, comprising the first significant upgrade received by the *Hawkeye* since the Group II upgrade in 1990.

16 Remains returned from Vietnam were identified as those of Lt. David L. Hodges, who was lost on 7 October 1967 when his A-4E *Skyhawk* was shot down by a surface-to-air missile near Hanoi.

21 Commander in Chief, U.S. Pacific Fleet Adm. Archie Clemins revealed to Congress that the Kosovo conflict had stretched the Navy's fleet of EA-6B *Prowlers* to the limit. The testimony highlighted the growing reliance on the aircraft and the lack of a defined follow-on replacement.

May

1 VP-40 *Orions* from Kadena, Okinawa, rescued 18 survivors from a Philippine ship that broke apart during Tropical Storm Leo in the South China Sea. The grueling 35-hour search and rescue mission included a search by five P-3Cs over a 240-mile radius, with assistance from the Joint Reserve Coordination Center in Honolulu, Hawaii.

1 *Liberty Bell 7*, the Mercury space capsule flown by astronaut Gus Grissom, was discovered 300 miles southeast of Cape Canaveral, Fla., three miles below the Atlantic's surface.

12 The first live television broadcast from an aircraft carrier underway was performed by "The Today Show" aboard *Theodore Roosevelt* (CVN 71) in the Mediterranean.

17 F/A-18 *Hornets* and Air Force A-10 *Thunderbolt IIs* used precision-guided munitions to strike an Iraqi surface-to-air missile site and an anti-aircraft artillery site near Baghdad in response to Iraqi ground fire.

Aviation Command Changes, 1999

Established

VT-35 *Stingrays* 29 Oct

Deactivated

VP-91 *Black Cats* 31 Mar
 COMRESPATWINGPAC 31 Mar
 VXE-6 *Ice Pirates* 1 Apr
 MCAS El Toro, CA 2 Jul
 MCAS Tustin, CA 2 Jul
 VQ-5 *Sea Shadows* 30 Jul
 NAS Barbers Point, HI 23 Aug
 VQ-6 *Black Ravens* 30 Sep
 Naval Air Reserve Santa Clara, CA 19 Nov
 VT-23 *Professionals* 30 Sep

Redesignated

VF-201 to VFA-201 1 Jan
 HMM-164 to HMM(T)-164 23 Feb
 COMPATWING 5 to COMPATRECONWING 5 26 Mar
 COMPATWING 11 to COMPATRECONWING 11 26 Mar
 COMPATWINGSLANT to COMPATRECONFORLANT 26 Mar
 COMRESPATWINGLANT to COMRESPATWING 1 Apr
 COMPATWING 1 to COMPATRECONWING 1 1 Jun
 COMPATWINGSPAC to COMPATRECONFORPAC 1 Jun
 COMPATWING 10 to COMPATRECONWING 10 1 Jun
 HMT-204 to VMMT-204 1 Jun
 PATWINGONE Det Kadena, Okinawa, to PATRECONWINGONE Det Kadena 1 Jun
 PATWINGONE Det Misawa, Japan, to PATRECONWINGONE Det Misawa 1 Jun
 PATWINGONE Det Diego Garcia, B.I.O.T., to PATRECONWINGONE Det Diego Garcia 1 Jun
 PATWINGSPAC Det TSC North Island, Calif., to PATRECONFORPAC Det TSC North Island 1 Jun
 Naval Air Reserve Center, Brunswick, ME, to Naval Air Reserve, Brunswick 1 Oct
 Naval Training Support Unit to Fleet Air Reconnaissance Squadron (VQ) 7 1 Nov

Note: The dates listed are official and may differ from those reported in earlier issues and from ceremonial dates.

23 VAdm. John T. "Chick" Hayward died of cancer in Atlantic Beach, Fla. Hayward was instrumental in the development of the atomic bomb which was dropped on Nagasaki, Japan, in August 1945. Following WW II, he was in charge of the photographic efforts at the Bikini Atoll tests, and worked in the atomic weapons programs at Los Alamos and Sandia, N.M., laboratories, as well as collaborating with

Edward Teller at California's Livermore Laboratory in 1952. VAdm. Hayward commanded VC-5 and later Nuclear Task Force 1, and served as president of the Naval War College from 1966 until his retirement in 1968.

27 The F/A-18E/F *Super Hornet* entered its six-month operational evaluation (OPEVAL) with VX-9 at NAWS China Lake, Calif. The OPEVAL was scheduled to test the

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FF2 Damon J. Moritz

aircraft in a realistic fleet setting to determine its operational effectiveness.

27 Aircraft No. 11, the first of 360 low-rate initial production MV-22 *Ospreys* planned for the Marine Corps, was delivered to the MV-22 Multi-Service Operational Test Team at MCAF Quantico, Va. The initial four aircraft began operational evaluation in October and were expected to be operational by 2001.

June

Lockheed Martin began modifying a Northrop Grumman-owned BAC 111 into a flying avionics test bed for the Joint Strike Fighter program. The commercial passenger aircraft was manufactured by British Aerospace.

1 Ground was broken at the Webster Field Annex of NAS Patuxent River, Md., for a \$2.1 mil-

Aviation ordnancemen aboard *Enterprise* (CVN 65) load an AGM-154 Joint Stand-off Weapon on a VFA-137 F/A-18C *Hornet* while deployed to the Red Sea.

lion hangar to house VC-6's *Pioneer* unmanned aerial vehicle Det A, the Navy's first such hangar.

7 Remains returned from Vietnam were identified as those of Marine Capts. Robert A. Holt and John A. Lavoo, who were lost on 19 September 1968 when their F-4B *Phantom II* went down over Quang Binh Province, North Vietnam.

9 NADEP Jacksonville, Fla., completed the modification of 32 P-3C *Orions* to enhance the Navy's ability to seek out drug runners from standoff ranges. Designated Counter Drug Upgrade, the modifications included the removal of the *Orion's* air search radar and its replacement by the same APG-66 multimode radar used in the Air Force F-16

Fighting Falcon. Modification of the first upgrade aircraft (BuNo 157311) began on 15 September 1995, and the final aircraft (BuNo 161014) was completed on 18 March 1999.

20 The Serbs completed their retreat from Kosovo (begun on 10 June), ending Operation Allied Force.

13 Rockwell Collins was selected by NASA to lead a team in the development of Synthetic Vision Technology to provide aircrews with cockpit displays of their environment during darkness or restricted weather conditions.

14 Boeing announced the expansion of its Joint Strike Fighter industry team from the initial 6 companies to 25, representing Denmark, the Netherlands, the United Kingdom and the United States.

22 The Integrated Defensive Electronics Countermeasures (IDECM) Radio Frequency Countermeasures System completed

Carrier and Air Wing Deployments, 1999

Enterprise (CVN 65)

CVW-3 (Tail Code: AC)
Mediterranean/Arabian
Gulf/Adriatic Sea
6 Nov 98–6 May 99

Squadrons	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
VQ-6 Det A	ES-3A
VRC-40 Det 4	C-2A
VS-22	S-3B
HS-7	HH/SH-60F/H

Carl Vinson (CVN 70)

CVW-11 (Tail Code: NH)
WestPac
6 Nov 98–6 May 99

Squadrons	Aircraft
VF-213***	F-14D
VFA-22	F/A-18C
VFA-94	F/A-18C
VFA-97	F/A-18A
VAW-117	E-2C
VAQ-135	EA-6B
VQ-5 Det C	ES-3A
VRC-30 Det 2	C-2A
VS-29	S-3B
HS-6	HH/SH-60F/H

*Kitty Hawk (CV 63)**

CVW-5 (Tail Code: NF)
Arabian Gulf
2 Mar 99–25 Aug 99

Squadrons	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	HH/SH-60F/H

Theodore Roosevelt (CVN 71)

CVW-8 (Tail Code: AJ)
26 Mar 99–22 Sep 99
Mediterranean/Arabian
Gulf/Adriatic Sea

Squadrons	Aircraft
VF-41***	F-14D
VF-14***	F-14D
VFA-15	F/A-18C
VFA-87	F/A-18C
VAW-124	E-2C
VAQ-141	EA-6B
VRC-40 Det 1	C-2A
VS-24	S-3B
HS-3	SH/HH-60H/F

Constellation (CV 64)

CVW-2 (Tail Code: NE)
WestPac
18 Jun 99–18 Dec 99

Squadrons	Aircraft
VF-2***	F-14D
VFA-137	F/A-18C
VFA-151	F/A-18C
VMFA-323 (WS)**	F/A-18C
VAW-116	E-2C
VAQ-131	EA-6B
VRC-30 Det 3	C-2A
VS-38	S-3B
HS-2	SH/HH-60H/F

John F. Kennedy (CV 67)

CVW-1 (Tail Code: AB)
Mediterranean/Arabian Gulf
17 Sep 99–17 Mar 00

Squadrons	Aircraft
VF-102***	F-14B
VFA-82	F/A-18C
VFA-86	F/A-18C
VMFA-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/HH-60F/H

* *Kitty Hawk* assumed forward-deployed duties in July 1998 and operates from her home port in Yokosuka, Japan.

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

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

its first test flight with an operational fiber-optic towed decoy at NAWS China Lake, Calif. IDECM was developed as an electronic warfare defense against radio frequency missile threats.

30 The AIM-9X Sidewinder short-range air-to-air missile completed its first guided launch from an F/A-18D *Hornet*, successfully intercepting a QF-4 drone at NAWS China Lake, Calif.

July

The Navy began the renovation of

a jet engine testing facility at NAS Oceana, Va. The new test cell aug-
menter and exhaust system,
designed to control noise generated
by military after-burning engines,
would also save the Navy money by
reducing the size of the exhaust
stack. Extensive aerodynamic and
acoustic scale model testing was
used to design the new system.

6 DRS Technologies, Inc., was
awarded a \$3.3 million contract to
develop a Multi-System Controller
for Phase IV of the Airborne
Separation Video System program

for the AIM-120 Advanced Medium-
Range Air-to-Air Missile pod.

8 Capt. Charles P. "Pete" Conrad,
USN (Ret.), the third man to walk on
the moon, died in Ojai, Calif., from
injuries sustained in a motorcycle
accident. He was 69. Conrad made
history on 19 November 1969 as
commander of the Apollo 12 mission
during which he and astronaut Alan
Bean set their lunar module *Intrepid*
down on the moon's Ocean of
Storms during the second of six
Apollo landings. Conrad had a dis-
tinguished career as a Navy test pilot

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and aboard the Gemini and Skylab space missions.

8 Boeing completed its initial test phase of the Vehicle Management System (VMS) for its Joint Strike Fighter X-32 demonstrator aircraft. The VMS operated the flight controls, including the actuators and hydraulics, the environmental control system and additional subsystems.

13 Navy Cross recipient VAdm. Donald D. Engen, USN (Ret.), died in Minden, Nev., while copiloting a motorized glider which apparently disintegrated at 11,000 feet. A decorated WW II dive-bomber pilot who sank a Japanese cruiser, Engen went on to command *America* (CV 66), and later headed the FAA as well as being selected as the director of the Smithsonian's National Air and Space Museum in 1996.

18 F-14 *Tomcats*, F/A-18 *Hornets* and Air Force F-16 *Fighting Falcons* struck an Iraqi surface-to-air missile site in response to anti-aircraft fire directed at coalition aircraft patrolling the no-fly zone.

August

The engineering and manufacturing development MV-22 *Osprey* returned to *Saipan* (LHA 2) and *Tortuga* (LSD 46) for additional sea trials, which were completed on 7 October. These trials validated an improved automatic flight system during expansion of the launch and recovery envelope.

5 The first fully upgraded SH-60R multimission helicopter rolled out at Lockheed Martin Federal Systems in Oswego, N.Y. A total of 250 SH-60Rs are scheduled for upgrades through 2012.

10 The last two ES-3A *Shadows* were retired from service during the deactivation of VQ-6 (effective 30 September) at NAS Jacksonville, Fla. A total of 16 *Shadows* were retrofitted from the S-3B to provide

Electronic Attack Shore-based Deployments, 1999

Aviano Air Base, Italy

VAQ-134	Feb–Mar 99
VMAQ-2	Feb–Jul 99
VAQ-134	Mar–May 99
VMAQ-4	Mar–Jun 99
VAQ-138*	Apr–Jun 99
VAQ-140*	Apr–Jun 99
VAQ-209	Apr–Jun 99

Incirlik Air Base, Turkey

VMAQ-1	Dec 98–Jul 99
VAQ-134	Jun–Sep 99
VAQ-142	Sep–Dec 99
VAQ-128	Dec 99–Mar 00

Prince Sultan Air Base, Saudi Arabia

VAQ-142	Dec 98–Mar 99
VAQ-128	Mar–Apr 99
VAQ-132	Apr–Jul 99

MCAS Iwakuni, Japan

VMAQ-3	Oct 98–Mar 99
VAQ-131**	Jun–Jul 99

Note: All squadrons fly the EA-6B *Prowler*.

* Squadron deploys to fill gaps in expeditionary coverage.

** Squadron assigned to CVW-2. VAQ-131 deployed to MCAS Iwakuni ahead of *Constellation* (CV 64) and rejoined the air wing when *Constellation* arrived in the Sea of Japan and completed its regularly scheduled deployment.

battle group commanders with state-of-the-art organic reconnaissance; however, the cost of upgrading the aircraft proved prohibitive. In the *Shadow's* absence, tasking was to be performed by shore-based EP-3E *Aries IIs* and EA-6B *Prowlers*.

10 F/A-18 *Hornets*, F-14 *Tomcats* and Air Force aircraft struck Iraqi anti-aircraft artillery and radar sites in response to repeated anti-aircraft fire and a surface-to-air missile aimed at aircraft patrolling the no-fly zone.

11 Secretary of the Navy Richard Danzig announced that a team of official representatives would observe the 1999 Tailhook

Convention to evaluate the possibility of reestablishing the Navy's connection with the organization.

12 An Air Force F-16 *Fighting Falcon* successfully launched a Joint Air-to-Surface Standoff Missile over White Sands Missile Range, N.M. The missile, which has stealth characteristics, was also under consideration for the Navy's *Super Hornet* program and was scheduled to be operational by 2003.

19–23 The *Kearsarge* (LHD 3) amphibious ready group transited the Mediterranean in response to a 7.4-magnitude earthquake that devastated Turkey on 17 August, killing over 24,000 people. Helicopters from *Kearsarge* went into action on 23 August, ferrying desperately needed aid to the stricken area, and remained on station through 12 September.

27 Remains returned from Vietnam were identified as those of LCdr. V. King Cameron, who was lost on 29 July 1966 when his A-4E *Skyhawk* was shot down by ground fire over Nghe Tinh Province, North Vietnam.

28 *Theodore Roosevelt* (CVN 71) was relieved by *Constellation* (CV 64) in the Arabian Gulf.

30 Avidyne Corporation was awarded a contract to provide a Multi-Function Control and Display Unit replacement for the E-2C *Hawkeye*.

September

Following ceremonies held on 25–27 June at NAS Pensacola, Fla., VT-7 officially retired the training command's last TA-4J *Skyhawk* trainer. VC-8 then became the only active Navy unit flying the aircraft.

2 A P-3 *Orion* from VP-26 assisted the Coast Guard in the Caribbean with the hunting and seizure of a vessel smuggling 2,000 pounds of cocaine into the United States.

15 Hurricane Floyd forced the evacuation of 80 Navy ships and dozens of aircraft between Mayport, Fla., and Norfolk, Va. Two SH-60H

Aircraft Stricken in 1999

Aircraft	BuNo	Date	Aircraft	BuNo	Date	Aircraft	BuNo	Date
A-6E	151564	16 Mar	ES-3A	159738	1 Sep	P-3B	152728	2 Apr
A-6E	151573	16 Mar	F-14A	158614	16 Nov	P-3B	153447	6 Jan
A-6E	152614	16 Mar	F-14A	158615	12 Mar	P-3B	153452	6 Jan
A-6E	152895	16 Mar	F-14A	158636	23 Mar	P-3C	156508	7 Sep
A-6E	154134	16 Mar	F-14A	159864	23 Mar	QF-4S	155810	30 Jun
A-6E	155654	16 Mar	F-14A	160386	8 Sep	S-3A	158869	12 Mar
A-6E	155656	16 Mar	F-14A	160391	29 Nov	S-3A	160568	12 Mar
A-6E	157004	16 Mar	F-14A	160667	19 Nov	S-3A	160570	12 Mar
A-6E	159578	16 Mar	F-14A	160909	19 Aug	S-3A	160574	12 Mar
A-6E	159898	16 Mar	F-14A	160914	19 Aug	S-3A	160593	12 Mar
A-6E	159899	16 Mar	F-14A	160920	8 Feb	S-3A	160597	12 Mar
A-6E	159906	16 Mar	F-14A	161141	8 Mar	S-3B	158864	14 Nov
A-6E	160997	16 Mar	F-14A	161160	5 Mar	SH-2G	163542	5 Aug
A-6E	161089	16 Mar	F-14A	161164	30 Sep	SH-3H	148039	4 Oct
A-6E	162208	16 Mar	F-14A	161270	29 Jan	SH-3H	149717	4 Oct
AH-1W	160747	24 Feb	F-14A	161281	29 Mar	SH-3H	149934	1 Dec
AH-1W	160818	22 Sep	F-14A	161285	31 Aug	SH-3H	152133	4 Oct
AV-8B	161574	26 Aug	F-14A	161299	15 Jun	SH-60B	163246	29 Apr
AV-8B	161576	26 Aug	F-14A	161600	16 Feb	T-2C	152382	29 Dec
AV-8B	161577	26 Aug	F-14A	161616	2 Jun	T-2C	156732	25 Jan
AV-8B	162721	30 Aug	F-14A	161620	15 Mar	T-2C	159707	6 Jan
AV-8B	162726	30 Nov	F-14A	161624	31 Aug	T-34C	160273	13 Sep
AV-8B	162943	28 May	F-14A	161850	30 Sep	T-45A	163634	6 Aug
AV-8B	162953	2 Aug	F-14A	161853	16 Mar	TA-4J	153471	28 Apr
AV-8B	162958	27 Sep	F-14A	162597	18 Feb	TA-4J	153505	27 Jul
AV-8B	162958	27 Sep	F-14A	162607	17 Mar	TA-4J	154293	10 May
AV-8B	162965	30 Aug	F-14A	162704	15 Apr	TA-4J	154338	16 Sep
AV-8B	163178	22 Dec	F-14B	161871	21 Oct	TA-4J	158094	13 Sep
AV-8B	163192	27 Oct	F/A-18A	161702	21 Oct	TA-4J	158138	25 May
AV-8B	163198	28 Jun	F/A-18A	161709	20 Oct	TA-4J	158458	6 May
AV-8B	163426	1 Mar	F/A-18A	161744	4 Mar	TA-4J	158479	6 May
AV-8B	163517	5 Feb	F/A-18A	161926	20 Jan	TA-4J	158482	25 Jan
AV-8B	163662	31 Mar	F/A-18A	161935	20 Jan	TA-4J	158716	7 Oct
AV-8B	163663	7 Jan	F/A-18A	161935	20 Jan	TA-4J	158718	13 Jan
AV-8B	163682	25 May	F/A-18A	161954	20 Jan	TA-4J	159795	27 Jul
AV-8B	163682	25 May	F/A-18A	161954	20 Jan	TH-57B	161696	16 Mar
AV-8B	163865	13 Jan	F/A-18A	161958	20 Jan	TH-57B	161697	16 Mar
AV-8B	163866	14 Jun	F/A-18A	161958	20 Jan	TP-3A	151357	5 Aug
AV-8B	164115	2 Sep	F/A-18A	161977	20 Jan	U-21F	705909	11 May
AV-8B	164115	2 Sep	F/A-18A	161984	28 Sep	U-21F	705910	7 Jun
AV-8B	164135	26 Jun	F/A-18A	162444	20 Jan	U-21F	705911	21 Apr
AV-8B	164568	14 May	F/A-18A	162907	16 Aug	U-21F	705912	30 Mar
CH-46E	153355	25 May	F/A-18A	163128	3 Dec	UC-12B	161185	15 Mar
CH-46E	154790	9 Dec	F/A-18B	161354	4 Oct	UH-1N	159682	12 Mar
CH-53D	157129	24 Aug	F/A-18B	161932	28 Oct	UH-3H	149918	18 Nov
CH-53D	157734	16 Mar	F/A-18C	163727	10 Mar	UH-3H	152134	19 Aug
CH-53D	157751	26 Feb	LC-130F	148319	2 Apr	UP-3A	152169	28 Apr
CH-53E	162007	19 Apr	LC-130F	148320	2 Apr	VH-3A	150616	19 Aug
E-2C	160008	18 Feb	LC-130F	148321	2 Apr			
E-2C	161342	24 Mar	LC-130R	159130	2 Apr			
E-2C	161548	10 Feb	MV-22A	163912	23 Mar			
E-2C	161550	24 Mar	NP-3D	148883	15 Nov			
E-2C	161552	24 Mar	NMH-53E	161395	8 Jun			
E-2C	162799	10 Feb						
E-2C	165455	12 Apr						

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The ES-3 *Shadow*, above, no longer roams the sky in search of hostile signals. In 1999, both VQ-5 and VQ-6 were deactivated.

Seahawks from HS-11 rescued eight tugboat crewmen 300 miles off Florida when 30-foot seas swamped their tugboat, *Gulf Majesty*, and her tow, a 750-foot container barge. In another incident, HS-11 also rescued a merchant marine engineer.

October

1 Career Enlisted Flyer Incentive Pay was established, while NAVAD-MIN 271/99 also increased the Selective Reenlistment Bonus. Simultaneously, the Aviation Continuation Pay program for FY 1999 was offered to pilots who were at or beyond their minimum service requirement, a program that was in transition to Aviation Career Continuation Pay.

7 When tensions caused by rival independence movements in East Timor erupted into warfare, *Belleau Wood* (LHA 3) was among the ships supporting International Force East Timor, the United Nations-mandated multinational peacekeeping Operation Stabilise. On 26 October *Belleau Wood* was relieved by *Pelelieu* (LHA 5), which remained on station until 26 November.

30 Lockheed Martin's Joint Strike Fighter completed its wind tunnel testing program.

31 Egypt Air Flight 900 crashed 60 miles east of Nantucket Island, Mass. Three MH-53E *Sea Dragon* helicopters from *Austin* (LPD 4) were among the Navy commands that assisted in the search for victims and wreckage.

November

3 The MV-22 *Osprey* began its operational evaluation, scheduled to last into spring 2000.

4 Jordan's King Abdullah II launched and recovered in

an F-14 *Tomcat* piloted by VF-102's CO Cdr. Mark Molitor aboard *John F. Kennedy* (CV 67) in the Red Sea.

7 HC-4 reached a record of 5,000 flight hours in an MH-53E *Sea Dragon* during operation Bright Star '00, a multinational exercise conducted in Cairo, Egypt, between 11 October and 7 November.

10 The last of the first 12 low-rate initial production F/A-18E *Super Hornets* was delivered six weeks ahead of schedule to the Integrated Test Team at NAS Patuxent River, Md. Following final tests the aircraft was scheduled to be ferried to VFA-122 at NAS Lemoore, Calif.

12 *Carl Vinson* (CVN 70) entered Puget Sound Naval Shipyard, Bremerton, Wash., for yard work scheduled

for completion by spring 2000.

17 Remains returned from the South Pacific were identified as those of Lt. Maurice S. Smith; Ens. Edward W. Riepl; Petty Officers First Class Clifford M. Pindell, William H. Osborne and James W. Pearson; and Petty Officers Second Class William R. Pipes, Merlin J. Rich and Vernon H. Stolz. All eight were lost on 6 August 1942 when their PBV-5 *Catalina* disappeared while on a patrol over Espiritu Santo, New Hebrides.

17 The first seven training and evaluation F/A-18E/F *Super Hornets* were delivered to VFA-122 at NAS Lemoore, Calif. Nicknamed the *Flying Eagles*, VFA-122 was estab-

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Aircraft Accepted in 1999

Bureau Number	Qty	Type	Name	Contractor
164606	1	DC-9	<i>Skytrain II</i>	Boeing
165299-165301	3	E-2C	<i>Hawkeye</i>	Grumman
165386-165391	6	AV-8B	<i>Harrier II</i>	Boeing
165397-165398	2	AV-8B	<i>Harrier II</i>	Boeing
165417-165419	3	AV-8B	<i>Harrier II</i>	Boeing
165433-165435	3	MV-22B	<i>Osprey</i>	Bell/Boeing
165460-165471	12	T-45C	<i>Goshawk</i>	Boeing
165507-165508	2	E-2C	<i>Hawkeye</i>	Grumman
165527-165532	6	F/A-18D	<i>Super Hornet</i>	Boeing
165534-165544	11	F/A-18E/F	<i>Super Hornet</i>	Boeing
165651	1	CH-53E	<i>Super Stallion</i>	Sikorsky
165660	1	F/A-18E	<i>Super Hornet</i>	Boeing
165668	1	F/A-18F	<i>Super Hornet</i>	Boeing
165680-165681	2	F/A-18D	<i>Super Hornet</i>	Boeing
165740-165741	2	UC-35C		Cessna

Bureau Numbers Issued in 1999

Numbers below were assigned by CNO during 1999 for future Navy and Marine Corps aircraft procurement:

Numbers	Qty	Type	Name	Contractor
165742-165778	37	CH-60		Sikorsky
165779-165808	30	F/A-18E/F	<i>Super Hornet</i>	Boeing
165809-165810	2	KC-130J	<i>Hercules</i>	Lockheed
165811-165828	18	E-2C	<i>Hawkeye</i>	Grumman
165829-165836	8	C-40A		Boeing
165837-165853	17	MV-22	<i>Osprey</i>	

LAMPS MKIII Ship Deployments, 1999

HSLWINGPAC

Battle Group Deployments

Carl Vinson (CVN 70)

6 Nov 98–6 May 99

Squadron	Ship
HSL-43 Det 4	<i>Princeton</i> (CG 59)
HSL-43 Det 1	<i>Antietam</i> (CG 54)
HSL-45 Det 5	<i>Oldendorf</i> (DD 972)
HSL-47 Det 6	<i>McClusky</i> (FFG 41)

Constellation (CV 64)

18 Jun 99–18 Dec 99

Squadron	Ship
HSL-37 Det 6	<i>Chosin</i> (CG 65)
HSL-37 Det 9	<i>Lake Erie</i> (CG 70)
HSL-49 Det 6	<i>Kinkaid</i> (DD 965)

Individual Deployments

Squadron	Dates	Ship
HSL-37 Det 7	31 Aug 98–27 Feb 99	<i>Fletcher</i> (DD 992)
HSL-43 Det 5	19 Jan 99–21 Jul 99	<i>Paul F. Foster</i> (DD 964)
HSL-45 Det 3	19 Jan 99–21 Jul 99	<i>Rodney M. Davis</i> (FFG 60)
HSL-49 Det 4	19 Jan 99–21 Jul 99	<i>Hewitt</i> (DD 966)
HSL-43 Det 6	16 Apr 99–30 Sep 99	<i>Ingraham</i> (FFG 61)
HSL-47 Det 3	16 Apr 99–30 Sep 99	<i>David R. Ray</i> (DD 971)
HSL-45 Det 2	9 Oct 98–8 Apr 99	<i>Chandler</i> (DDG 996)
HSL-49 Det 2	7 Jan 99–16 Apr 99	<i>Rentz</i> (FFG 46)
HSL-37 Det 3	7 May 99–30 Jul 99	<i>Reuben James</i> (FFG 57)

HSLWINGLANT

Battle Group Deployments

Enterprise (CVN 65)

6 Nov 98–6 May 99

Squadron	Ship
HSL-42 Det 9	<i>Gettysburg</i> (CG 64)
HSL-44 Det 3	<i>Nicholson</i> (DD 982)
HSL-44 Det 10	<i>Philippine Sea</i> (CG 58)
HSL-46 Det 2	<i>Nicholas</i> (FFG 47)
HSL-48 Det 1	<i>Thorn</i> (DD 988)
HSL-48 Det 2	<i>Klakring</i> (FFG 42)

John F. Kennedy (CV 67)

17 Sep 99–16 Mar 00

Squadron	Ship
HSL-42 Det 2	<i>Spruance</i> (DD 963)
HSL-42 Det 4	<i>Monterey</i> (CG 61)
HSL-44 Det 6	<i>John Hancock</i> (DD 981)
HSL-46 Det 3	<i>Underwood</i> (FFG 36)
HSL-48 Det 5	<i>Taylor</i> (FFG 50)

Theodore Roosevelt (CVN 71)

26 Mar 99–24 Sep 99

Squadron	Ship
HSL-42 Det 5	<i>Peterson</i> (DD 969)
HSL-42 Det 10	<i>Halyburton</i> (FFG 40)
HSL-44 Det 7	<i>Elrod</i> (FFG 55)
HSL-46 Det 1	<i>Leyte Gulf</i> (CG 55)
HSL-46 Det 5	<i>Vella Gulf</i> (CG 72)

Individual Deployments

Squadron	Dates	Ship
HSL-46 Det 9	25 Sep 98–5 Feb 99	<i>Ticonderoga</i> (CG 47)
HSL-44 Det 1	31 Oct 98–15 Jan 99	<i>Stephen W. Groves</i> (FFG 29)
HSL-42 Det 8	11 Jan 99–10 Jul 99	<i>DeWert</i> (FFG 45)
HSL-44 Det 4	26 Jan 99–12 Mar 99	<i>Hue City</i> (CG 66)
HSL-48 Det 9	25 Apr 99–5 Sep 99	<i>Boone</i> (FFG 28)
HSL-44 Det 1	17 May 99–8 Jul 99	<i>Vicksburg</i> (CG 69)
HSL-48 Det 7	17 May 99–8 Jul 99	<i>Hue City</i> (CG 66)
HSL-44 Det 5	1 Jun 99–5 Oct 99	<i>Thomas S. Gates</i> (CG 51)
HSL-48 Det 4	15 Jun 99–17 Dec 99	<i>Stephen W. Groves</i> (FFG 29)
HSL-46 Det 6	14 Jul 99–23 Nov 99	<i>O'Bannon</i> (DD 987)
HSL-48 Det 8	14 Jul 99–23 Nov 99	<i>McInerney</i> (FFG 8)
HSL-46 Det 10	25 Aug 99–20 Feb 00	<i>Robert G. Bradley</i> (FFG 49)
HSL-44 Det 4	25 Sep 99–25 Jan 00	<i>Yorktown</i> (CG 48)

PH1 Richard Rosser



Left, while operating aboard *Philippine Sea* (CG 58) in support of Operation Allied Force, HSL-44 Det 10 crew members make time to wash an SH-60 *Seahawk*.

lished on 1 October 1998 as the first F/A-18E/F *Super Hornet* fleet readiness squadron, responsible for aircrew and maintenance training. A total of 92 aircraft were scheduled for delivery to the squadron's strike fighter wing by 2004.

18 An F/A-18 *Hornet* enforcing the southern no-fly zone over Iraq used precision-guided munitions to strike an Iraqi military radar site near Al Basrah, approximately 245 miles southeast of Baghdad.

22 The Navy and Coast Guard participated in the first successful shipboard landing of the CL-327 *Guardian* vertical takeoff and landing unmanned aerial vehicle (UAV), which touched down aboard Coast Guard Cutter *Thetis* (WMEC 910) off Key West, Fla. The UAV Common Automatic Recovery System was simultaneously tested for fleet compatibility.

24 LCdr. Greg Huffman piloted the first Advanced Targeting Forward Looking Infrared (ATFLIR)-equipped F/A-18D *Hornet* at NAWS China Lake, Calif. ATFLIR features improved target acquisition at greater standoff ranges.

December

1 The Navy began a study to evaluate follow-on designs to replace the EA-6B *Prowler* by 2010.

1 *Theodore Roosevelt* (CVN 71) increased duty sections from 8 to 10 in an effort to improve the quality of life of her crew. The first carrier to do so, the historic experiment was under consideration for fleet-wide adoption.

3 Local opposition to fleet live-fire exercises on Vieques Island, P.R., generated a crisis when the Puerto Rican government asked the Navy to abandon its use of the island. The Navy's proposal to end the exercises in five years was rejected by the Puerto Rican government, undermining fleet readiness and forcing *Dwight D. Eisenhower* (CVN 69) and *Wasp* (LHD 1) to break up their training schedules.

9 Remains returned from Vietnam were identified as those of Capt. Norman E. Eidsmoe and LCdr.

Major HC Squadron Deployments, 1999

HELTACWINGPAC

Squadron	Dates	Ship
HC-5 Det 4	Dec 98–May 99	<i>San Jose</i> (T-AFS 7)
HC-5 Det 1	May 99–Dec 99	<i>Spica</i> (T-AFS 9)
HC-5 Det 2	Nov 99–Apr 00	<i>Niagara Falls</i> (T-AFS 3)
HC-5 Det 5/5A	Nov 99–May 00	<i>Flint</i> (AE 32)
HC-5 Det 6	***	<i>Belleau Wood</i> (LHA 3)
HC-11 Det 1	Nov 98–May 99	<i>Rainier</i> (AOE 7)
HC-11 Det 7	Dec 98–Jun 99	<i>Boxer</i> (LHD 4)
HC-11 Det 6	Jun 99–Dec 99	<i>Peleliu</i> (LHA 4)
HC-11 Det 8	Jun 99–Dec 99	<i>Sacramento</i> (AOE 1)

HELTACWINGLANT

Squadron	Dates	Ship
HC-2 Det 1	**	<i>LaSalle</i> (AGF 3)/Naples, Italy
HC-2 Det 2	**	Manama, Bahrain
HC-4 Det 1	1 Jan 99–14 Jul 99	Manama, Bahrain
HC-6 Det 6	6 Nov 98–5 May 99	<i>Detroit</i> (AOE 4)
HC-6 Det 3	23 Mar 99–14 Sep 99	<i>Saturn</i> (T-AFS 10)
HC-6 Det 2	14 Apr 99–14 Oct 99	<i>Kearsarge</i> (LHD 3)
HC-6 Det 4	21 Sep 99–16 Mar 00	<i>Seattle</i> (AOE 3)
HC-8 Det 5	19 Oct 98–14 Apr 99	<i>Sirius</i> (T-AFS 8)
HC-8 Det 2	13 Nov 98–13 May 99	<i>Nassau</i> (LHA 4)
HC-8 Det 1	22 Feb 99–23 Jul 99	<i>Inchon</i> (MCS 12)
HC-8 Det 7	25 Mar 99–21 Sep 99	<i>Arctic</i> (AOE 8)
HC-8 Det 4	23 Aug 99–23 Feb 00	<i>Concord</i> (T-AFS 5)
HC-8 Det 6	15 Sep 99–17 Mar 00	<i>Bataan</i> (LHD 5)
HM-14 Det 1	**	Manama, Bahrain
HM-15 Det 1	1 Mar 99–28 Jul 99	<i>Inchon</i> (MCS 12)
VC-6 Det 5*	5 Dec 98–5 Jun 99	<i>Inchon</i> (MCS 12)
VC-6 Det 6*	14 Apr 99–30 Sep 99	<i>Ponce</i> (LPD 15)
VC-6 Det 2*	14 Jul 99–10 Nov 99	<i>McInerney</i> (FFG 8)

* Unmanned Aerial Vehicle (UAV) squadron.

** These detachments are permanently deployed to these locations.

*** Detachment is permanently forward deployed to Japan.

Michael E. Dunn, who were lost on 26 January 1968 when their A-6A *Intruder* disappeared during a night mission from *Ranger* (CVA 61).

17 The Navy crew of the Helicopter Landing Trainer IX-514 at NAS Pensacola, Fla., was replaced by a civilian crew from Seaward Services, Inc. IX-514 was converted from a self-propelled yard freight utility craft in 1985 as a cost-effective platform for flight training. The trainer was "owned" by NAS Pensacola, but was

assigned to TRAWING-5 at Whiting Field, Fla.

19 Space shuttle flight STS-103 (third Hubble Space Telescope servicing mission) piloted by Navy LCdr. Scott J. Kelly launched successfully from Kennedy Space Center, Fla., and returned on 27 December.

31 Transfer of control of the Panama Canal from the United States to Panama was completed.

