



PH1 Greg Messier

In October 2001, strikes against Afghanistan took center stage in Naval Aviation operations. Clockwise from left, an F/A-18C *Hornet* launches from *Carl Vinson* (CVN 70) on 7 October; an F-14 *Tomcat* launches from *Enterprise* (CVN 65) on 18 October; and an aviation ordnanceman adjusts a bomb mounted on an F/A-18C *Hornet* in preparation for a strike from *Enterprise* (CVN 65) on 16 October.



PHAN Lance H. Mayhew, Jr.



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that an attack against a member in Europe or North America was an attack against them all.

**7** The first strikes were launched against Afghanistan in retaliation for the terrorist attacks of 11 September.

**8** Office of Homeland Security was established to develop and coordinate a national strategy to protect the U.S. from terrorism. Naval Aviation early warning and intelligence aircraft were tasked with rapid integration into the plan.

**9** The third day of strikes against al Qaeda and Taliban hit 13 targets, including airfields, air defense sites,

communications and infrastructure. Approximately 15 strike aircraft were supported by about 8 land-based bombers and 15 ship and submarine-launched

missiles. VF-14 led the first long-range tactical air strike, flying over 1,700 miles round trip to Mazar-e-Sharif, where two F-14B *Tomcats* destroyed three MiG-21 *Fishbeds* and two transports on the ground. As Taliban casualties increased, they began to hide troops and equipment among mosques, sacred sites and schools, which made precision-guided munitions crucial for knocking out targets without collateral damage.

**12** *Kitty Hawk* (CV 63), with CVW-5 embarked, arrived on station in the Arabian Sea. She was

deployed as an afloat forward staging base for U.S. joint forces, commencing operational tasking on 16 October. During the deployment CVW-5 flew over 600 missions, including 100 combat sorties.

**14-15** As the war entered its second week, naval aircraft were supported by USAF AC-130U *Spookys* for the first time in the fighting. Strikes against Taliban increased in momentum as the air campaign shifted to support the advance of the Islamic State of Afghanistan (Northern Alliance), Afghans opposed to Taliban. VF-14 maximized forward air control flexibility by configuring five F-14B *Tomcats* to carry four GBU-12 laser-guided bombs each, and configuring the remainder for two GBU-16s.

**16** The Joint Staff deputy director

of operations announced the use of engagement zone doctrine in Afghanistan due to the reduction of enemy air defense. This allowed “flex targeting” to be adopted: aircraft hit a target, refueled in the air and then hit another target.

**17** *Theodore Roosevelt* (CVN 71) launched her first strikes in the war on terrorism. Her schedule shifted 12 hours to accommodate night operations, while *Carl Vinson* (CVN 70) conducted day strikes.

**18** F/A-18C *Hornets* from VMFA-251 launched strikes against Taliban infrastructure from *Theodore Roosevelt* (CVN 71), the first Marine air strikes in Operation Enduring Freedom.

**19** Near Kandahar, the first American ground offensive of the war began when special forces from *Kitty Hawk* (CV 63) raided the compound of Mullah Omar, a key Taliban leader. Among Task Force 57 aircraft that supported the raid were Aircraft Improvement Program-equipped P-3C *Orions*.

**19** Developmental testing of the Harpoon Block II missile concluded at Point Mugu, Calif.

**19–20** The 15th Marine Expeditionary Unit and Army mechanics recovered an Army UH-60 *Blackhawk* that crashed in Pakistan during a Ranger special operation. Marine KC-130 *Hercules* refueled the search and rescue CH-53E *Super Stallions* en route, enabling the Marines to reach the site and recover the *Blackhawk* without additional landings in dangerous territory.

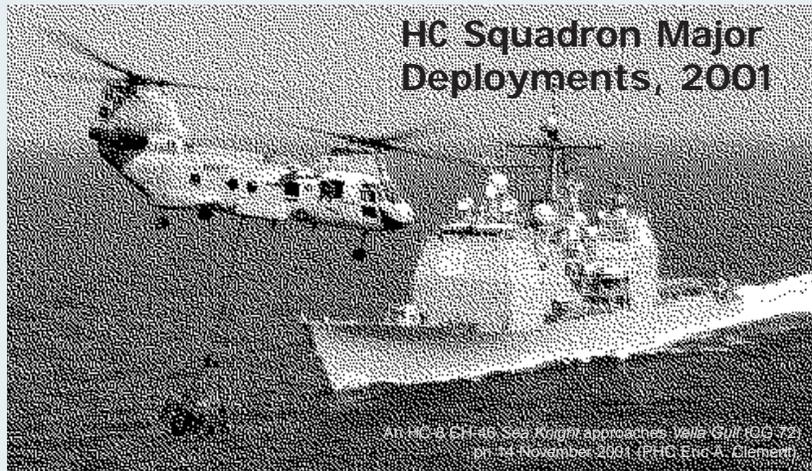
**21** As the war in Afghanistan entered its third week, approximately 80 strike aircraft, including about 60 carrier-based, struck 11 targets comprising airfields, radar, tanks, vehicles and military training facilities.

**22** The first of 21 new production E-2C *Hawkeyes*, featuring the Cooperative Engagement Capability (CEC), advanced control workstations and an integrated satellite communications system, was delivered to the Navy at

Northrop Grumman, St. Augustine, Fla. Initial operational capability was scheduled for 2004. The CEC was developed to defend the fleet at greater ranges against advanced threats, such as cruise missiles, enabling the development of a single integrated air picture.

**25** Prior to her departure from the Arabian Sea, *Enterprise* (CVN 65) unloaded most remaining ordnance to her relief, *Theodore Roosevelt* (CVN 71).

**26** DOD announced that Lockheed Martin, Fort Worth, Texas, won the Joint Strike Fighter

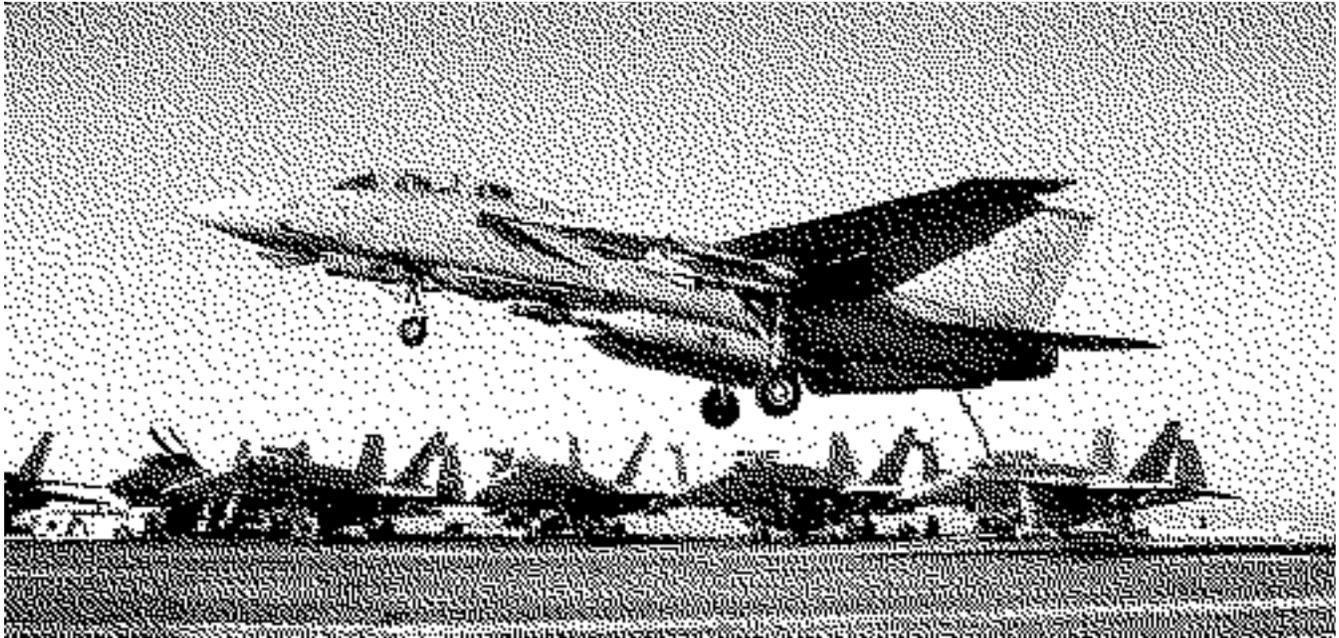


### HELTACWINGPAC

Squadron	Dates	Ship
HC-5 Det 2	Mar 01–Sep 01	<i>San Jose</i> (TAFS 7)
HC-5 Det 4	Aug 01–Dec 01	<i>Niagara Falls</i> (TAFS 3)
HC-5 Det 6	Sep 01–Nov 01	<i>Essex</i> (LHD 2)
HC-5 Det 5	Sep 01–Jul 02	<i>Flint</i> (TAE 32)
HC-11 Det 5	Aug 00–Feb 01	<i>Tarawa</i> (LHA 1)
HC-11 Det 2	Aug 00–Feb 01	<i>Camden</i> (AOE 2)
HC-11 Det 1	Mar 01–Sep 01	<i>Rainier</i> (AOE 7)
HC-11 Det 7	Mar 01–Sep 01	<i>Boxer</i> (LHD 4)
HC-11 Det 8	Jul 01–Jan 02	<i>Sacramento</i> (AOE 1)
HC-11 Det 6	Aug 01–Mar 02	<i>Peleliu</i> (LHA 5)
HC-11 Det 2	Sep 01–Nov 01	<i>Nimitz</i> (CVN 68)
HC-11 Det 3	Nov 01–Dec 01	<i>Bridge</i> (AOE 10)

### HELTACWINGLANT

Squadron	Dates	Ship
HC-6 Det 6	Sep 00–May 01	<i>Nassau</i> (LHA 4)
HC-8 Det 2	Nov 00–May 01	<i>Mount Baker</i> (TAE 34)
HC-6 Det 3	Apr 01–Sep 01	<i>Inchon</i> (MCS 12)
HC-6 Det 2	Apr 01–Oct 01	<i>Arctic</i> (AOE 8)
HC-8 Det 7	Apr 01–Oct 01	<i>Kearsarge</i> (LHD 3)
HC-8 Det 4	May 01–Jul 01	<i>Detroit</i> (AOE 4)
HC-8 Det 4	Sep 01–Mar 02	<i>Detroit</i> (AOE 4)
HC-8 Det 3	Oct 01–Apr 02	<i>Saturn</i> (TAFS 10)
HC-2 Det 1	*	<i>LaSalle</i> (AGF 3)/Naples, Italy



PHAN Maria E. Martinez-Cintron

competition. The Navy planned 480 to complement the F/A-18E/F *Super Hornet*, replacing older versions of the *Hornet*, while the Marines requested 609 to replace the AV-8B *Harrier II* and *Hornet*. The first operational Joint Strike Fighter was to be delivered in FY 2008.

**28** LCdr. (Ret.) Richard Halsey Best died in Santa Monica, Calif. During the Battle of Midway on 4 June 1942, Lt. Best led the SBD-2/3 *Dauntlesses* of VB-6's 1st Division from *Enterprise* (CV 6) in an attack that sank Japanese heavy carrier *Akagi*, for which he was awarded the Navy Cross.

**29** Navy announced that the MH-60S *Seahawk* had been cleared to enter operational evaluation, scheduled to conclude in January 2002.

**31** HSL-60 accepted its first SH-60B *Seahawk* (BuNo 161567) at NS Mayport, Fla.

## November

At China Lake, Calif., the Standoff Land Attack Missile-Expanded Response completed its first firing from an S-3B *Viking*.

**1** Secretary of Defense announced that as of the 25th day of combat operations during Operation

**In support of Operation Enduring Freedom: above, a Fighter Squadron 102 F-14 Tomcat launches from Theodore Roosevelt (CVN 69) on 17 November 2001; below, an aircraft director signals an AH-1W Super Cobra to launch from Peleliu (LHA 5) on 13 October 2001.**

LCpl. Matthew J. Decker



Enduring Freedom, coalition aircraft had flown over 2,000 sorties and delivered more than a million humanitarian rations.

**1** Task Force 58 stood up, combining the 15th and 26th Marine Expeditionary Units (MEU). Both MEUs included an AV-8B *Harrier II* det of six aircraft from VMA-331 and VMA-223, respectively. Since the two KC-130 *Hercules* normally allotted to each MEU were not sufficient, six were committed to TF 58: two from VMGR-252 and four from VMGR-352.

**2** OPNAVNOTE 3111 formally

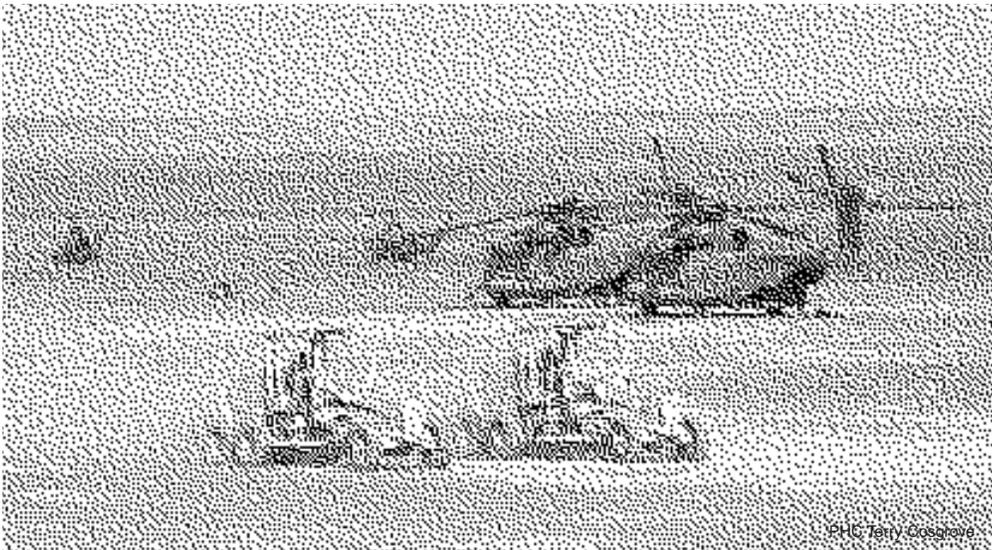
completed the disestablishment of VFA-127, the Navy's last active duty adversary squadron, which actually occurred on 31 March 1996 at NAS Fallon, Nev.

**3** 15th Marine Expeditionary Unit AV-8B *Harrier IIs* from *Peleliu* (LHA 5) flew the first *Harrier* strikes in the war on terrorism, hitting targets in southern Afghanistan with MK-82 500-pound bombs.

**9** More than half of the combat sorties flown on this date focused on the engagement zones north of Kabul and around Mazar-e-Sharif, a crucial crossroads for Taliban supplies. F-14 *Tomcats* and F/A-18C *Hornets* delivered precision-guided munitions against Taliban positions, enabling the Northern Alliance to tighten the noose around the beleaguered city.

**9-13** Under constant pounding from Naval Aviation assets, Taliban troops retreated from Mazar-e-Sharif and Kabul at dawn with Northern Alliance troops close on their heels. The victory gave the coalition its first large airfield in-country and opened up an overland supply route through Uzbekistan.

**13-14** A strike on a building near Kabul, and on the following day in Kandahar, killed senior terrorist leaders believed to include



**On 2 December 2001, CH-53 and AH-1 helos await their next mission as Seabees level a dirt landing strip at Forward Operating Base Camp Rhino inside Afghanistan.**

Mohammed Atef, al Qaeda's second in command.

**14** Near Ghazni, 50 miles southwest of Kabul, naval aircraft covered three U.S. special operations helos when they rescued eight aid workers, including two Americans who had been held captive by Taliban.

**15** The EA-18 Airborne Electronic Attack concept aircraft completed initial demonstration flights at the Boeing Co., St. Louis, Mo., using an F/A-18F *Super Hornet* to carry three ALQ-99 jamming pods.

**16** An Improved Capability III EA-6B *Prowler*, the first of two prototypes, logged its first flight at Northrop Grumman, St. Augustine, Fla.

**18** An eight member team from destroyer *Peterson* (DD 969) boarded vessel *Samra*, suspected of smuggling Iraqi oil in international waters in the Arabian Gulf. *Samra* was dangerously overloaded and sank in heavy seas. Two Americans and several smugglers died. Naval aircraft assisted in the rescue of the other 6 U.S. sailors and 10 smugglers.

**22–23** Overnight, the 26th MEU flew its first sorties into Afghanistan. Just before dawn, four VMA-223 AV-8B *Harrier IIs* surprised an al Qaeda vehicle convoy and destroyed it with laser-

guided bombs.

**25** Covered by AH-1W *Super Cobras*, six HMM-163 CH-53E *Super Stallions* launched from *Peleliu* (LHA 5) at 1800 local time carrying 15th Marine Expeditionary Unit Marines. The helos rendezvoused with KC-130 refuelers, and four hours later secured a desert airstrip southwest of Kandahar, some 300



**Commander Carrier Group 3 RAdm. Thomas E. Zelibor briefs an aviation electronics technician after a routine check flight from Carl Vinson (CVN 70) on 17 November.**

miles from their ships. Within an hour of the initial landing, equipment and supplies were delivered via *Hercules*. By the morning of the 26th, 519 Marines and Sailors were ashore and established a perimeter, designated Forward Operating Base Camp Rhino. Navy top cover was

continual throughout the operation.

**25–26** Bitter fighting raged at Qala-e-Jhangi, a walled and moated 19th century fortress six miles west of Mazar-e-Sharif, when 500–600 Taliban prisoners rebelled. The rebels killed CIA agent Johnny Micheal Spann, stormed the armory and seized most of the fortress. Despite attacks by coalition special forces and Northern Alliance troops supported by tanks, it was only retaken after strikes by F/A-18C *Hornets* and a USAF AC-130U *Spooky*.

**26** Joint Surveillance Target Attack Radar System-equipped aircraft detected a column of about 15 Taliban vehicles, including several armored personnel carriers, probing the northwest perimeter of Forward Operating Base Camp Rhino. VF-102 F-14B *Tomcats* broke up the attackers and two Marine AH-1W *Super Cobras* finished the job.

**30** The Battle of Tora Bora began as naval reconnaissance aircraft spotted Taliban troops fleeing toward the fortress of Tora Bora, an immense cave complex interlaced with tunnels spanning two valleys south of Jalalabad.

## December

The Naval Air Training Command unveiled the Introductory Flight Screening program at NAS Pensacola, Fla., to provide prospective Naval Aviators with 25 hours of instruction from FAA-certified flight instructors prior to commencing Navy flight training.

The last of seven KC-130J *Hercules* to be delivered to the Marines in 2001 arrived at MCAS Cherry Point, N.C.

**1** The *Bonhomme Richard* (LHD 6) amphibious ready group, with the 13th Marine Expeditionary Unit

*continued on page 45*

## LAMPS MK III Major Ship Deployments, 2001

### Battle Group Deployments

#### *George Washington (CVN 73)*

21 Jun 00–20 Dec 00

#### **Squadron Ship**

HSL-44 Det 9 *Simpson* (FFG 56) (04 Aug 00–04 Feb 01)\*

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

28 Nov 00–23 May 01

#### **Squadron Ship**

HSL-42 Det 8 *San Jacinto* (CG 56)

HSL-44 Det 1 *Deyo* (DD 989)

HSL-48 Det 6 *Stump* (DD 978)

HSL-46 Det 2 *Carr* (FFG 52) (12 Jan–10 Jul 01)\*

#### *Enterprise (CVN 65)*

25 Apr 01–25 Oct 01

#### **Squadron Ship**

HSL-42 Det 5 *Nicholas* (FFG 47)

HSL-46 Det 1 *Thorn* (DD 988)

HSL-46 Det 5 *Gettysburg* (CG 64)

HSL-48 Det 9 *Philippine Sea* (CG 58)

HSL-44 Det 7 *Nicholson* (DD 982) (16 Jun–12 Dec 01)\*

#### *Theodore Roosevelt (CVN 71)*

18 Sep 01–27 Mar 02

#### **Squadron Ship**

HSL-42 Det 2 *Leyte Gulf* (CG 55)

HSL-44 Det 4 *Peterson* (DD 969)

HSL-44 Det 6 *Elrod* (FFG 55)

HSL-48 Det 10 *Anzio* (CG 68)

HSL-46 Det 3 *Hayler* (DD 997) (16 Oct 01–16 Apr 02)\*

\* Deployment dates of squadrons that joined a battle group late are indicated in parentheses.

### Individual Deployments

#### **Squadron Dates**

HSL-46 Det 6 15 Dec 00–15 May 01

HSL-48 Det 1 10 Mar 01–25 Apr 01

HSL-44 Det 5 10 Mar 01–28 Aug 01

HSL-44 Det 3 22 Mar 01–17 Aug 01

HSL-48 Det 8 20 Apr 01–28 Aug 01

HSL-46 Det 10 21 May 01–05 Jul 01

HSL-48 Det 1 21 May 01–12 Jul 01

HSL-48 Det 4 11 Jun 01–12 Nov 01

HSL-42 Det 3 11 Jun 01–07 Dec 01

HSL-46 Det 8 13 Aug 01–29 Oct 01

HSL-42 Det 9 12 Oct 01–05 Dec 01

HSL-42 Det 10 10 Oct 01–08 Apr 02

HSL-46 Det 10 07 Nov 01–26 Mar 02

#### **Ship**

*O'Bannon* (DD 987)

*Stephen W. Groves* (FFG 29)

*Halyburton* (FFG 40)

*John L. Hall* (FFG 32)

*Ticonderoga* (CG 47)

*Anzio* (CG 68)

*Cape St. George* (CG 71)

*McInerney* (FFG 8)

*Robert G. Bradley* (FFG 49)

*Churchill* (DDG 81)

*Monterey* (CG 61)

*Stephen W. Groves* (FFG 29)

*Doyle* (FFG 39)

## HSLWINGPAC

### Battle Group Deployments

#### *Abraham Lincoln (CVN 72)*

14 Aug 00–12 Feb 01

#### **Squadron Ship**

HSL-37 Det 3 *Crommelin* (FFG 37)

HSL-37 Det 7 *Fletcher* (DD 992)

HSL-43 Det 1 *Bunker Hill* (CG 52)

HSL-49 Det 4 *Shiloh* (CG 67)

#### *Kitty Hawk (CV 63)*

02 Mar 01–11 Jun 01

#### **Squadron Ship**

HSL-51 Det 1 *Vandegrift* (FFG 48)

HSL-51 Det 4 *Chancellorsville* (CG 62)

HSL-51 Det 5 *Gary* (FFG 51)

HSL-51 Det 6 *Vincennes* (CG 49)

#### *Constellation (CV 64)*

15 Mar 01–15 Sep 01

#### **Squadron Ship**

HSL-37 Det 6 *Chosin* (CG 65)

HSL-43 Det 2 *Kinkaid* (DD 965)

#### *Carl Vinson (CVN 70)*

23 Jul 01–23 Jan 02

#### **Squadron Ship**

HSL-45 Det 1 *Ingraham* (FFG 61)

HSL-43 Det 4 *Antietam* (CG 54)

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

12 Nov 01–12 May 02

#### **Squadron Ship**

HSL-31 Det 1 *Port Royal* (CG 73)

HSL-43 Det 6 *Elliot* (DD 967)

HSL-47 Det 2 *Jarrett* (FFG 33)

### Individual Deployments

HSL-47 Det 3 13 Sep 00–06 Feb 01

HSL-49 Det 6 09 Nov 00–26 Apr 01

HSL-45 Det 9 12 Jan 01–28 June 01

HSL-43 Det 3 19 Mar 01–06 Aug 01

HSL-51 Det 11 20 Mar 01–20 Jun 01

HSL-49 Det 2 15 May 01–01 Nov 01

HSL-51 Det 3 15 Jun 01–21 Nov 01

HSL-49 Det 4 24 Sep 01–03 Dec 01

HSL-47 Det 6 18 Oct 01–18 Apr 02

HSL-45 Det 2 18 Oct 01–18 Apr 02

HSL-43 Det 5 22 Oct 01–19 Apr 02

*McClusky* (FFG 41)

*Hewitt* (DD 966)

*Paul F. Foster* (DD 964)

*Rodney M. Davis* (FFG 60)

*Blue Ridge* (LCC 19)

*David R. Ray* (DD 971)

*O'Brien* (DD 975)

*Fife* (DD 991)

*John Young* (DD 973)

*Ford* (FFG 54)

*Rentz* (FFG 46)

† This deployment marked the first time an HSL squadron deployed as part of a carrier air wing.

## Aircraft Stricken in 2001

Aircraft	BuNo	Date	Aircraft	BuNo	Date	Aircraft	BuNo	Date
A-6E	152936	14 Nov	F-14A	159837	2 Aug	F/A-18A	161969	19 Jun
A-6E	162203	14 Nov	F-14A	159866	2 Aug	F/A-18A	163134	22 Aug
AV-8B	162730	23 Jan	F-14A	160382	10 Nov	F/A-18C	164251	23 Oct
AV-8B	162738	20 Feb	F-14A	160387	2 Aug	F/A-18C	165219	29 May
AV-8B	162742	23 Apr	F-14A	160396	2 Aug	HH-1N	158245	27 Jul
AV-8B	162947	20 Jun	F-14A	160399	2 Aug	HH-1N	158258	27 Jul
AV-8B	162967	21 May	F-14A	160402	2 Aug	HH-1N	158283	27 Jul
AV-8B	163188	21 Aug	F-14A	160404	2 Aug	HH-1N	158290	25 Jul
AV-8B	163189	18 Jul	F-14A	160405	2 Aug	HH-1N	158556	4 Sep
AV-8B	163193	20 Jun	F-14A	160410	2 Aug	HH-1N	160832	25 Jul
AV-8B	163197	18 Sep	F-14A	160413	2 Aug	HH-46D	151949	22 Jun
AV-8B	163204	20 Mar	F-14A	160655	2 Aug	MV-22B	165433	16 Jul
AV-8B	163419	20 Jun	F-14A	160668	2 Aug	NF-14A	160658	11 Jul
AV-8B	163659	20 Jun	F-14A	160679	2 Aug	NP-3B	152739	23 Oct
AV-8B	163665	11 Dec	F-14A	160682	2 Aug	OH-58C	696189	5 Oct
AV-8B	163668	13 Nov	F-14A	160687	2 Aug	QF-4N	152970	26 Jun
AV-8B	163669	20 Jun	F-14A	160892	2 Aug	QF-4S	153823	29 Aug
AV-8B	163678	16 Oct	F-14A	160900	2 Aug	QF-4S	153887	18 Jul
AV-8B	163680	20 Jun	F-14A	160908	2 Aug	QF-4S	155521	12 Dec
AV-8B	163853	25 Jul	F-14A	160913	23 Apr	QF-4S	158351	28 Nov
AV-8B	164149	20 Jun	F-14A	161137	2 Aug	S-3A	159395	25 Jul
C-2A	162146	7 May	F-14A	161140	2 Aug	S-3A	159396	25 Jul
CH-46E	157668	9 Jul	F-14A	161155	2 Aug	S-3A	159410	25 Jul
CH-53D	156669	2 Aug	F-14A	161156	2 Aug	S-3A	159417	25 Jul
CH-53D	156674	2 Aug	F-14A	161161	2 Aug	S-3A	159749	25 Jul
CH-53D	156964	8 Mar	F-14A	162589	26 Oct	S-3A	160585	25 Jul
CH-53D	157130	2 Aug	F-14B	161417	21 Oct	S-3A	160586	25 Jul
CH-53D	157136	2 Aug	F-14D	164351	9 Aug	S-3A	160594	25 Jul
CH-53D	157136	2 Aug	F/A-18A	161713	2 Aug	S-3A	160595	25 Jul
CH-53D	157143	2 Aug	F/A-18A	161715	2 Aug	S-3A	160598	25 Jul
CH-53D	157746	2 Aug	F/A-18A	161716	2 Aug	S-3B	159743	23 Oct
CH-53D	157750	2 Aug	F/A-18A	161717	2 Aug	SH-60R	162094	21 Nov
CH-53E	161536	20 Jun	F/A-18A	161717	2 Aug	SH-60R	162098	29 Sep
CH-53E	161537	20 Jun	F/A-18A	161718	2 Aug	T-2C	157044	2 Aug
DC-130A	570496	6 Jun	F/A-18A	161720	2 Aug	T-34C	160520	30 Aug
E-2C	161785	25 Jul	F/A-18A	161724	2 Aug	T-34C	160960	8 Jul
E-2C	162614	4 Jan	F/A-18A	161728	2 Aug	T-38A	610825	14 Aug
E-2C	162616	25 Jul	F/A-18A	161728	2 Aug	T-45A	163601	21 Feb
E-2C	164354	23 Jan	F/A-18A	161730	2 Aug	TAV-8B	164540	3 Feb
EA-6B	160787	16 Nov	F/A-18A	161731	2 Aug	TH-57C	162023	6 Jul
EA-6B	164403	21 Nov	F/A-18A	161738	2 Aug	UH-1N	158282	27 Jul
ES-3A	158862	2 Aug	F/A-18A	161739	2 Aug	UH-1N	159688	10 Apr
ES-3A	159393	2 Aug	F/A-18A	161742	25 Jul	UH-1N	160449	27 Jul
ES-3A	159420	2 Aug	F/A-18A	161745	25 Jul			
F-4S	158362	20 Jun	F/A-18A	161747	25 Jul			
F-14A	158616	21 Mar	F/A-18A	161752	25 Jul			
F-14A	158631	27 Nov	F/A-18A	161755	25 Jul			
F-14A	159591	19 Apr	F/A-18A	161756	25 Jul			
			F/A-18A	161757	25 Jul			
			F/A-18A	161757	25 Jul			
			F/A-18A	161758	25 Jul			
			F/A-18A	161760	25 Jul			
			F/A-18A	161761	25 Jul			



Left, on 30 November 2001, *Bataan* (LHD 5) steams in support of Operation Enduring Freedom with the 26th Marine Expeditionary Unit embarked. Below, an F/A-18 *Hornet* lands aboard *Kitty Hawk* during Operation Enduring Freedom on 21 November.

embarked, deployed six weeks ahead of schedule in support of Operation Enduring Freedom.

1 VF-14 and VF-41 were redesignated VFA-14 and VFA-41. Both began relocation from NAS Oceana, Va., to NAS Lemoore, Calif., and transition from the F-14B *Tomcat* to the F/A-18E/F *Super Hornet*.

2 The Marines at Forward Operating Base Camp Rhino were reinforced by 26th Marine Expeditionary Unit helos and finished building their defensive perimeter.

4 At China Lake, Calif., the unitary warhead variant of the AGM-154C Joint Standoff Weapon, launched by F/A-18C/D *Hornets*, completed its first free-flight tests. This was the first U.S. weapon to incorporate the Broach penetration warhead.

5 Marine and Navy aircraft flew close cover for lines-of-communication interdiction missions along Route 1, which connected Lashkar Gah with Kandahar, to cut off the escape of Taliban and al Qaeda troops fleeing from the battles in northern Afghanistan.

5 Three U.S. service members and 5 Afghans were killed and 17 Americans and 19 Afghans wounded when a B-52H *Stratofortress* accidentally dropped a Joint Direct Attack Munition nearby. AH-1W *Super Cobras* covered the evacuation of casualties by CH-53E *Super Stallions* to Forward Operating Base Camp Rhino. Nineteen Americans were transferred

to a USAF C-130 *Hercules* Joint Medevac Aviation Unit. The Afghans were flown by *Super Stallions* to *Bataan* (LHD 5) and *Peleliu* (LHA 5) for treatment.

6-7 When Marines at Forward Operating Base Camp Rhino spotted light flashes to the north, a P-3C *Orion* orbiting overhead confirmed a Taliban probe and the Marines opened up with 81mm mortars, forcing the Taliban to disengage. Later that evening a six-vehicle convoy tried to slip past the Marines, but was spotted by an *Orion*. As the enemy, estimated to be in company strength, dismounted to form a skirmish line, F/A-18C *Hornets* and F-14 *Tomcats* dropped six 500-pound and two 1,000-pound laser-guided bombs.

6 Remains returned from Vietnam were identified as Cdr. John A. Feldhaus, VA-152. On 8 October 1966 Feldhaus launched from *Oriskany* (CVA 34) on a daytime armed reconnaissance mission over North Vietnam, but was lost when



his A-1H *Skyraider* (BuNo 137629) was hit by ground fire.

7 Marine Corps accepted the first AN/AAQ-28 Litening II targeting pod, designed to give the AV-8B *Harrier II* the capability to autonomously deliver precision-guided munitions.

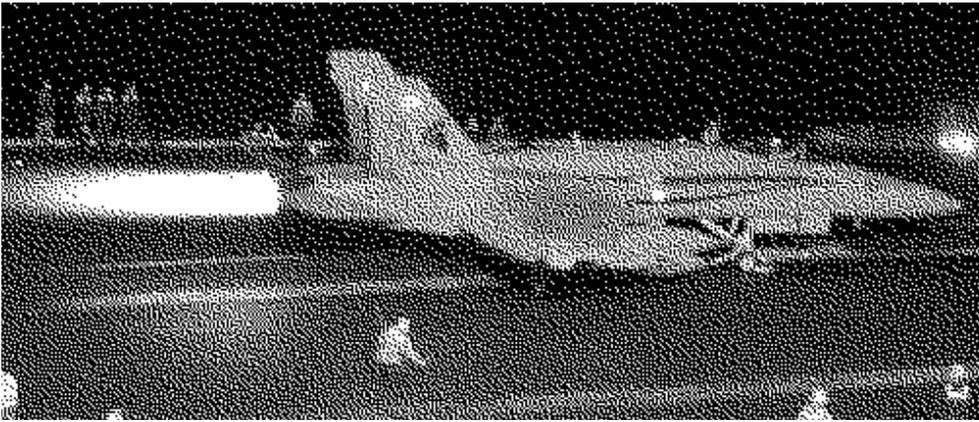
11 The last of 74 Marine day-attack AV-8B *Harrier IIs* was inducted at NADEP Cherry Point, N.C., for modification into the night-attack *Harrier II Plus* configuration. The aircraft was expected to return to fleet service in September 2003.

12 An Air Force B-1B *Lancer* outbound from a night strike over Afghanistan crashed in the Indian Ocean north of Diego Garcia, B.I.O.T. A VP-4 P-3C *Orion* and an Air Force KC-10A *Extender* from the 79th Air Refueling Wing conducted a search and rescue and directed destroyer *Russell* (DDG 59) to the scene. All four crew members were rescued.

13-14 A task force comprised of a combined antiarmor team plus



A VFA-94 F/A-18 *Hornet* refuels from an Air Force tanker during Operation Enduring Freedom on 4 November 2001.



Left, a VFA-147 F/A-18 *Hornet* launches from *John C. Stennis* (CVN 74) in support of Operation Enduring Freedom on 18 December 2001. The previous day, Sailors and Marines stood at attention on *Stennis's* flight deck as a flag found in the rubble of the World Trade Center in New York was raised on the mast, below left.



supporting elements from the 26th Marine Expeditionary Unit advanced to the Kandahar airport, linking up en route with Army special forces. AV-8B *Harrier IIs* and AH-1W *Cobras* supported by additional coalition aircraft provided close air support. CH-53E *Super Stallions* rushed in reinforcements, enabling the Marines to establish a forward operating base.

**15** Destroyer *Mustin* (DDG 89)—named for the four Navy veterans of the *Mustin* family, including Naval Aviator Henry C. *Mustin*—was christened at Pascagoula, Miss.

**16–17** *John C. Stennis* (CVN 74) relieved *Carl Vinson* (CVN 70) in the Arabian Sea and immediately launched her first strikes against Afghanistan.

**17** The Northern Alliance claimed victory at Tora Bora. F/A-18C *Hornets* pounded escape routes as Taliban and al Qaeda remnants fled toward Pakistan.

**21** The Joint Air-to-Surface Standoff Missile was approved for low-rate initial production.

## Aircraft Accepted in 2001

Bureau Number	Qty	Type	Name	Contractor
165488-165498	11	T-45C	<i>Goshawk</i>	Boeing
165568-165579	12	AV-8B*	<i>Harrier II</i>	Boeing
165598-165599	2	T-45C	<i>Goshawk</i>	Boeing
165647-165648	2	E-2C	<i>Hawkeye</i>	Northrop Grumman
165736	1	KC-130J	<i>Hercules</i>	Lockheed Martin
165738-165739	2	KC-130J	<i>Hercules</i>	Lockheed Martin
165752-165759	8	MH-60S	<i>Seahawk</i>	Sikorsky
165764	1	MH-60S	<i>Seahawk</i>	Sikorsky
165766	1	MH-60S	<i>Seahawk</i>	Sikorsky
165782-165792	11	F/A-18E	<i>Super Hornet</i>	Boeing
165798-165808	11	F/A-18F	<i>Super Hornet</i>	Boeing
165809-165810	2	KC-130J	<i>Hercules</i>	Lockheed Martin
165829-165832	4	C-40A	<i>Clipper</i>	Boeing
165860-165866	7	F/A-18E	<i>Super Hornet</i>	Boeing
165875-165881	7	F/A-18F	<i>Super Hornet</i>	Boeing
165938-165939	2	UC-35D	<i>Encore</i>	Cessna
166402-166403	2	MH-60R*	<i>Seahawk</i>	Sikorsky
650979	1	NC-130H	<i>Hercules</i>	Lockheed Martin
842402	1	UH-60L	<i>Blackhawk</i>	Sikorsky
872466-872467	2	UH-60L	<i>Blackhawk</i>	Sikorsky

\* Remanufactured

## Bureau Numbers Issued in 2001

Numbers below were assigned by CNO during 2001 for future Navy and Marine Corps aircraft procurement:

Numbers	Qty	Type	Name	Contractor
166374	1	UC-35D	<i>Encore</i>	Cessna
166375-166379	5	C-37A	—	Gulfstream
166380-166382	3	KC-130J	<i>Hercules</i>	Lockheed Martin
166383-166399	17	MV-22B	<i>Osprey</i>	Bell/Boeing
166400-166401	2	RQ-8A	<i>Fire Scout</i>	Northrop Grumman
166402-166410	9	SH-60R	<i>Seahawk</i>	Sikorsky
166411-166413	3	AV-8B	<i>Harrier II</i>	Boeing
166414-166416	3	RQ-8A	<i>Fire Scout</i>	Northrop Grumman
166417-166419	3	E-2C	<i>Hawkeye</i>	Northrop Grumman
166420-166467	48	F/A-18E/F	<i>Super Hornet</i>	Boeing

# Naval Aeronautical Organization—United States Naval Aviation

## Air Force Commanders

Naval Air Forces	NAS North Island, CA
Naval Air Force Atlantic	NB Norfolk, VA
Naval Air Force Pacific	NAS North Island, CA
Naval Air Reserve Force	NAS JRB New Orleans, LA

## Carrier Groups

Carrier Group One	NS San Diego, CA
Carrier Group Two	NB Norfolk, VA
Carrier Group Three	NS Bremerton, WA
Carrier Group Four	NB Norfolk, VA
Carrier Group Five	Fleet Activity Yokosuka, Japan
Carrier Group Six	NS Mayport, FL
Carrier Group Seven	NS San Diego, CA
Carrier Group Eight	NB Norfolk, VA

## Aircraft Carriers

<i>Kitty Hawk</i> (CV 63)	Fleet Activity Yokosuka, Japan
<i>Constellation</i> (CV 64)	NS San Diego, CA
<i>Enterprise</i> (CVN 65)	NB Norfolk, VA
<i>John F. Kennedy</i> (CV 67)	NS Mayport, FL
<i>Nimitz</i> (CVN 68)	NS San Diego, CA
<i>Dwight D. Eisenhower</i> (CVN 69)	NB Norfolk, VA
<i>Carl Vinson</i> (CVN 70)	NS Bremerton, WA
<i>Theodore Roosevelt</i> (CVN 71)	NB Norfolk, VA
<i>Abraham Lincoln</i> (CVN 72)	NS Everett, WA
<i>George Washington</i> (CVN 73)	NB Norfolk, VA
<i>John C. Stennis</i> (CVN 74)	NS San Diego, CA
<i>Harry S. Truman</i> (CVN 75)	NB Norfolk, VA
<i>Ronald Reagan</i> (CVN 76)*	NB Norfolk, VA

## Fleet Air Commands

Fleet Air Keflavik	NAS Keflavik, Iceland
Fleet Air Western Pacific	NAF Atsugi, Japan
Fleet Air Mediterranean	Naples, Italy

## Functional Wing Commanders

Reserve Patrol Wing	NAS Willow Grove, PA
Patrol and Reconnaissance Force Atlantic	NB Norfolk, VA
Patrol and Reconnaissance Force Pacific	MCBH Kaneohe Bay, HI
Helicopter Wing Reserve	NAS North Island, CA

## Fleet Aviation Specialized Operational Training Group

Fleet Aviation Specialized Operational Training Group Atlantic (plus detachments)	NB Norfolk, VA
Fleet Aviation Specialized Operational Training Group Pacific (plus detachments)	NAS North Island, CA

## Type Wing Commanders

Airborne Early Warning Wing Atlantic	NB Norfolk, VA
Airborne Early Warning Wing Pacific	NBVC Point Mugu, CA
Electronic Attack Wing Pacific	NAS Whidbey Island, WA
Fighter Wing Atlantic	NAS Oceana, VA
Fleet Logistics Support Wing	NAS JRB Fort Worth, TX
Helicopter Antisubmarine Wing Atlantic	NAS Jacksonville, FL

Helicopter Antisubmarine Wing Pacific	NAS North Island, CA
Helicopter Antisubmarine Wing Light Atlantic	NS Mayport, FL
Helicopter Antisubmarine Wing Light Pacific	NAS North Island, CA
Helicopter Tactical Wing Atlantic	NB Norfolk, VA
Helicopter Tactical Wing Pacific	NAS North Island, CA
Patrol and Reconnaissance Wing 1	NSF Kamiseya, Japan
Patrol and Reconnaissance Wing 1 Det Diego Garcia	NAF Diego Garcia, B.I.O.T.
Patrol and Reconnaissance Wing 1 Det Kadena	NAF Kadena, Japan
Patrol and Reconnaissance Wing 1 Det Misawa	NAF Misawa, Japan
Patrol and Reconnaissance Wing 5	NAS Brunswick, ME
Patrol and Reconnaissance Wing 10	NAS Whidbey Island, WA
Patrol and Reconnaissance Wing 11	NAS North Island, CA
Sea Control Wing Atlantic	NAS Jacksonville, FL
Sea Control Wing Pacific	NAS North Island, CA
Strategic Communications Wing 1	Tinker AFB, OK
Strike Fighter Wing Atlantic	NAS Oceana, VA
Strike Fighter Wing Pacific	NAS Lemoore, CA

## Carrier Air Wings

Carrier Air Wing 1	NAS Oceana, VA
Carrier Air Wing 2	NAS Lemoore, CA
Carrier Air Wing 3	NAS Lemoore, CA
Carrier Air Wing 5	NAF Atsugi, Japan
Carrier Air Wing 7	NAS Oceana, VA
Carrier Air Wing 8	NAS Oceana, VA
Carrier Air Wing 9	NAS Lemoore, CA
Carrier Air Wing 11	NAS Lemoore, CA
Carrier Air Wing 14	NAS Lemoore, CA
Carrier Air Wing 17	NAS Oceana, VA
Carrier Air Wing Reserve 20	NAS Atlanta, GA

## Fighter Squadrons

VF-2	NAS Oceana, VA
VF-11	NAS Oceana, VA
VF-31	NAS Oceana, VA
VF-32	NAS Oceana, VA
VF-101	NAS Oceana, VA
VF-103	NAS Oceana, VA
VF-143	NAS Oceana, VA
VF-154	NAF Atsugi, Japan
VF-211	NAS Oceana, VA
VF-213	NAS Oceana, VA

## Fighter Composite Squadrons

VFC-12	NAS Oceana, VA
VFC-13	NAS Fallon, NV

## Strike Fighter Squadrons

VFA-14	NAS Lemoore, CA
VFA-15	NAS Oceana, VA
VFA-22	NAS Lemoore, CA
VFA-25	NAS Lemoore, CA



VR-48	NAF Washington, DC	HC-11	NAS North Island, CA
VR-51	MCBH Kaneohe Bay, HI	HC-85	NAS North Island, CA
VR-52	NAS Willow Grove, PA		
VR-53	NAF Washington, DC		
VR-54	NAS JRB New Orleans, LA	HCS-4	NB Norfolk, VA
VR-55	NBVC Point Mugu, CA	HCS-5	NAS North Island, CA
VR-56	NB Norfolk, VA		
VR-57	NAS North Island, CA		
VR-58	NAS Jacksonville, FL	HM-14	NB Norfolk, VA
VR-59	NAS JRB Fort Worth, TX	HM-15	NAS Corpus Christi, TX
VR-61	NAS Whidbey Island, WA		
VR-62	NAS Brunswick, ME		
VRC-30	NAS North Island, CA	VX-1	NAS Patuxent River, MD
VRC-30 Det 5	NAF Atsugi, Japan	VX-9	NAWS China Lake, CA
VRC-40	NB Norfolk, VA	VX-20	NAS Patuxent River, MD

### Helicopter Combat Support Special Squadrons

### Helicopter Mine Countermeasures Squadrons

### Air Test and Evaluation Squadrons\*\*

### Composite Squadrons

VC-6	NB Norfolk, VA
VC-6 Det Patuxent River	NAS Patuxent River, MD
VC-6 Det Dam Neck	Fleet Combat Training Center Dam Neck, VA
VC-8	NS Roosevelt Roads, PR

VX-1	NAS Patuxent River, MD
VX-9	NAWS China Lake, CA
VX-20	NAS Patuxent River, MD
HX-21	NAS Patuxent River, MD
VX-23	NAS Patuxent River, MD
VX-30	NBVC Point Mugu, CA
VX-31	NAWS China Lake, CA

### Tactical Air Control Group

Tactical Air Control Group 1	NB Coronado, CA
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### Helicopter Antisubmarine Warfare Squadrons

HS-2	NAS North Island, CA
HS-3	NAS Jacksonville, FL
HS-4	NAS North Island, CA
HS-5	NAS Jacksonville, FL
HS-6	NAS North Island, CA
HS-7	NAS Jacksonville, FL
HS-8	NAS North Island, CA
HS-10	NAS North Island, CA
HS-11	NAS Jacksonville, FL
HS-14	NAF Atsugi, Japan
HS-15	NAS Jacksonville, FL
HS-75	NAS Jacksonville, FL

### Tactical Air Control Squadrons

TACRON 11	NB Coronado, CA
TACRON 12	NB Coronado, CA
TACRON 21	NAB Little Creek, VA
TACRON 22	NAB Little Creek, VA

### Flight Demonstration Squadron

<i>Blue Angels</i>	NAS Pensacola, FL
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### Naval Air Training Command

Chief of Naval Air Training	NAS Corpus Christi, TX
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### Training Air Wings

Training Wing 1	NAS Meridian, MS
Training Wing 2	NAS Kingsville, TX
Training Wing 4	NAS Corpus Christi, TX
Training Wing 5	NAS Whiting Field, FL
Training Wing 6	NAS Pensacola, FL

### Helicopter Antisubmarine Warfare Squadrons Light

HSL-37	MCBH Kaneohe Bay, HI
HSL-40	NS Mayport, FL
HSL-41	NAS North Island, CA
HSL-42	NS Mayport, FL
HSL-43	NAS North Island, CA
HSL-44	NS Mayport, FL
HSL-45	NAS North Island, CA
HSL-46	NS Mayport, FL
HSL-47	NAS North Island, CA
HSL-48	NS Mayport, FL
HSL-49	NAS North Island, CA
HSL-51	NAF Atsugi, Japan
HSL-60	NS Mayport, FL

### Training Squadrons

VT-2	NAS Whiting Field, FL
VT-3	NAS Whiting Field, FL
VT-4	NAS Pensacola, FL
VT-6	NAS Whiting Field, FL
VT-7	NAS Meridian, MS
VT-9	NAS Meridian, MS
VT-10	NAS Pensacola, FL
VT-21	NAS Kingsville, TX
VT-22	NAS Kingsville, TX
VT-27	NAS Corpus Christi, TX
VT-28	NAS Corpus Christi, TX
VT-31	NAS Corpus Christi, TX
VT-35	NAS Corpus Christi, TX
VT-86	NAS Pensacola, FL

### Helicopter Combat Support Squadrons

HC-2	NB Norfolk, VA
HC-3	NAS North Island, CA
HC-4	NAS Sigonella, Italy
HC-5	Anderson AFB, Guam
HC-6	NB Norfolk, VA
HC-8	NB Norfolk, VA

### Helicopter Training Squadrons

HT-8

NAS Whiting Field, FL

HT-18

NAS Whiting Field, FL

**Aviation Training Schools/Center**

Strike Fighter Weapons School Atlantic  
NAS Oceana, VA

Strike Fighter Weapons School Pacific  
NAS Lemoore, CA

Strike Weapons and Tactics School  
Atlantic  
NAS Oceana, VA

Strike Weapons and Tactics School Pacific  
NAS North Island, CA

Electronic Attack Weapons School  
NAS Whidbey Island, WA

Landing Signal Officer School  
NAS Oceana, VA

Sea Control Weapons School  
NAS Jacksonville, FL

Reserve Antisubmarine Warfare  
Training Center  
NAS Willow Grove, PA

Notes:

Organization chart only includes Navy aviation units active as of press time. Marine Corps aviation units were not included.

\*PCU *Ronald Reagan* (CVN 76) is included because upon commissioning in May 2003, the ship is slated to be home-ported at NB Norfolk, Va.

\*\*On 1 May 2002, test squadrons without standard alphanumeric designations were officially redesignated in keeping with fleet standards. Previous and revised designations are as follows: Naval Force Warfare Aircraft Test Squadron-VX-20; Naval Rotary Wing Aircraft Test Squadron-HX-21; Naval Strike Aircraft Test Squadron-VX-23; Naval Weapons Test Squadron Point Mugu-VX-30; and Naval Weapons Test Squadron China Lake-VX-31.