Comu
1907

Bréguet-Richet Gyroplane No.1
1907

Oehmichen No.2
1922

Pescara No.3
1923

Asboth AH-4
1928

Bréguet-Dorand Gyroplane Laboratoire
1935

Focke-Wulf Fw 61
1937

Weir W.6
1939

Flettner Fl 282 "Kolibri"
1940

Artwork courtesy of David Gibbings
Copyright © 2013 AHS International
“Glory is fleeting, but obscurity is forever.”
– Napoleon Bonaparte
(1769–1821) French General and Emperor


1974 - Bell Helicopter receives US Army contract to modify 101 Bell AH-1G Huey Cobras into AH-1Q TOW Cobras

1996 - Boeing Sikorsky YRAH-66A Comanche first flight

Scan for More Info!
Boris N. Yuriev (1889–1957)

Ivan P. Bratukhin (1903–1985)

Alexander S. Yakovlev (1906–1989)

Nikolai I. Kamov (1902–1973)

Mikhail L. Mil (1909–1970)

Yuriev Helicopter (1912)

TsAGI 1-EA (1932)

Bratukhin G-3 (1946)

Yak-M11FR-1 (1947)

Kamov Ka-10 (1949)

Mil Mi-1 (1948)
“The record of the past is filled with demonstrations that pure physical research pays for itself many times over, often in totally unforeseen ways.”


<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>3</td>
<td>1875</td>
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<td>4</td>
<td>1957</td>
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<td>6</td>
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<td>2012</td>
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<td>18</td>
<td>1958</td>
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<tr>
<td>21</td>
<td>1953</td>
</tr>
<tr>
<td>26</td>
<td>1958</td>
</tr>
</tbody>
</table>

“Those who beat their swords into plowshares will plow for those who did not.”

– Thomas Jefferson (1743-1826), 3rd President of the United States
MBB BO105 HGH
Winged-Compound Helicopter
250 miles/hour (218 knots): March 4, 1975

MBB = Messerschmitt-Bölkow-Blohm  HGH = Hoch-Geschwindigkeits-Hubschrauber (High Speed Helicopter)

Photo: Michael Stephan, Eurocopter Deutschland Gmbh
Copyright © 2013 AHS International
“Every great age is marked by innovation and daring – by the ability to meet unprecedented problems with intelligent solutions. In a time of turbulence and change, it is more true than ever that knowledge is power, for only by true understanding and steadfast judgment are we able to master the challenge of history.”

– John F. Kennedy (1917-1963), 35th President of the United States, Address at the University of California at Berkeley, March 23, 1962

<table>
<thead>
<tr>
<th>Weekday</th>
<th>March 2013 Events</th>
</tr>
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<tbody>
<tr>
<td>Sunday</td>
<td>Daylight Savings Time Begins</td>
</tr>
<tr>
<td>Monday</td>
<td>St. Patrick's Day</td>
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<tr>
<td>Tuesday</td>
<td>Palm Sunday</td>
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<tr>
<td>Wednesday</td>
<td>Good Friday</td>
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<tr>
<td>Thursday</td>
<td>Easter Sunday</td>
</tr>
<tr>
<td>Friday</td>
<td>1955 - First flight of the Sikorsky YUH-60A helicopters were turned over to the US Army at Ft. Benning, Georgia for Government Competitive Testing</td>
</tr>
<tr>
<td>Saturday</td>
<td>1997 - First Bell Boeing V-22 built to production standards is delivered to the V-22 Integrated Test Team at Patuxent River Naval Air Warfare Center in Maryland</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1953</td>
<td>First flight of Bell XHSL-1, Bell’s first tandem rotor design intended for ASW duty with the US Navy and British Royal Navy, 52 were flown and demonstrated use as a minesweeper</td>
</tr>
<tr>
<td>1975</td>
<td>The MBB Bo105 helicopter reaches a speed of 250 miles/hour (218 knots) and a maximum blade-tip speed of Mach 0.97</td>
</tr>
<tr>
<td>1989</td>
<td>First flight of the Bell Boeing V-22A Osprey tilt rotor</td>
</tr>
<tr>
<td>1954</td>
<td>A modified Kaman HTR-1 became the first twin-turbine helicopter to fly</td>
</tr>
<tr>
<td>1986</td>
<td>US Marines take delivery of the first production Bell AH-1W SuperCobra</td>
</tr>
<tr>
<td>1955</td>
<td>First flight of the SNCASE SE.3130 Alouette II powered by a Turbomeca Artouste engine. In 1963 it became the first commercially operated turbine helicopter in the U.S.</td>
</tr>
<tr>
<td>1986</td>
<td>US Marines take delivery of the first production Bell AH-1W SuperCobra</td>
</tr>
<tr>
<td>1971</td>
<td>First flight of the Westland WG.13 Lynx</td>
</tr>
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<td>1975</td>
<td>Three Sikorsky YUH-60A helicopters were turned over to the US Army at Ft. Benning, Georgia for Government Competitive Testing</td>
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<tr>
<td>1976</td>
<td>First day of Spring</td>
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<tr>
<td>1971</td>
<td>First flight of the Westland WG.13 Lynx</td>
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<td>1986</td>
<td>US Marines take delivery of the first production Bell AH-1W SuperCobra</td>
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</tr>
<tr>
<td>2005</td>
<td>Helicopter pioneer Frank N. Piasecki receives the Smithsonian Institute Lifetime Achievement Award</td>
</tr>
<tr>
<td>2012</td>
<td>The 200th UH-72A Lakota is received by the US Army during a ceremony at American Eurocopter’s production facility in Columbus, Mississippi</td>
</tr>
<tr>
<td>2012</td>
<td>US Marine Corps HMLA-267 'Stingers' begin operations with the Bell AH-1Z Viper after retiring its AH-1W 'Whiskey' Cobras</td>
</tr>
<tr>
<td>2012</td>
<td>The 200th UH-72A Lakota is received by the US Army during a ceremony at American Eurocopter’s production facility in Columbus, Mississippi</td>
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**HAI Heli-Expo 2013**
March 4-7, 2013 Las Vegas, Nevada
www.rotor.com

**hai heli-expo 2013**
March 4-7, 2013 Las Vegas, Nevada
www.rotor.com
EWR = Entwicklungsrings Süd (Development Ring - South) was a consortium of Heinkel, Messerschmitt and Bölkow
VJ = "Vertikal Jäger" Vertical Fighter

World's first supersonic VTOL

First VTOL flight: April 10, 1963
**April**

**Sunday**

<table>
<thead>
<tr>
<th>31</th>
<th><strong>All Fool’s Day</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><strong>2003</strong> - US Marine Corps CH-46Es and CH-53Es carried US Army Rangers and Special Ops troops in a mission to extract captured US Army Private First Class Jessica Lynch from an Iraqi hospital</td>
</tr>
</tbody>
</table>

**Monday**

<table>
<thead>
<tr>
<th>2</th>
<th><strong>1931</strong> - Pitcairn-Cleveland PCA-2 is the first Autogiro to be certificated in the US</th>
</tr>
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<tbody>
<tr>
<td>3</td>
<td><strong>1945</strong> - First AHS Annual Forum held at the Engineers Club in Philadelphia, PA</td>
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</tbody>
</table>

**Tuesday**

<table>
<thead>
<tr>
<th>4</th>
<th><strong>US Army Quad-A Annual Convention</strong></th>
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<tr>
<td>5</td>
<td>April 10-14, 2013 Fort Worth, Texas</td>
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</table>

**Wednesday**

<table>
<thead>
<tr>
<th>6</th>
<th><strong>1924</strong> - Étienne Oemichen sets first-ever FAI distance record for helicopters: 1,181 ft (360 m) in his Helicopter No. 2, a 4-rotor, 8-propeller craft powered by one Le Rhone rotary engine</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td><strong>1986</strong> - Bell Helicopter Textron and McDonnell Douglas Helicopter Co. announce an agreement to develop the US Army’s Light Helicopter Experimental (LHX) aircraft</td>
</tr>
<tr>
<td>9</td>
<td><strong>1943</strong> - First vertical take-off of the EWR VJ-101 with American test pilot George Bright in the cockpit</td>
</tr>
<tr>
<td>10</td>
<td><strong>1963</strong> - The first three of twelve Mi-35M Hind-E combat helicopters arrive for the Brazilian Air Force and are designated AH-2 Sabre in Brazilian service</td>
</tr>
</tbody>
</table>

**Thursday**

<table>
<thead>
<tr>
<th>11</th>
<th><strong>2010</strong> - The first three of twelve Mi-35M Hind-E combat helicopters arrive for the Brazilian Air Force and are designated AH-2 Sabre in Brazilian service</th>
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<tbody>
<tr>
<td>12</td>
<td><strong>2009</strong> - The Future Lynx is officially named the AW159 Wildcat</td>
</tr>
</tbody>
</table>

**Friday**

<table>
<thead>
<tr>
<th>13</th>
<th><strong>1973</strong> - Bell awarded NASA/Army contract to build and test two tilt rotor research aircraft (later designated XV-15)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td><strong>2009</strong> - The Future Lynx is officially named the AW159 Wildcat</td>
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<tr>
<td>15</td>
<td><strong>1991</strong> - First flight of the Aérospatiale/Daimler-Benz Aerospace AG (DASA) Tiger attack helicopter prototype for the French/German armies</td>
</tr>
</tbody>
</table>

**Saturday**

<table>
<thead>
<tr>
<th>16</th>
<th><strong>1924</strong> - Étienne Oemichen sets first-ever FAI distance record for helicopters: 1,181 ft (360 m) in his Helicopter No. 2, a 4-rotor, 8-propeller craft powered by one Le Rhone rotary engine</th>
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<tr>
<td>18</td>
<td><strong>2009</strong> - The Future Lynx is officially named the AW159 Wildcat</td>
</tr>
</tbody>
</table>

“Plus, with the Harrier’s unique hovering capability, we’d be able to do garden parties, bar mitzvahs and other private functions, all for a profitable rate, of course.”

– UK MoD spokesman on the possible use of BAe Harrier GR Mk 9’s to replace BAe Hawk T1’s flown by the Royal Air Force’s Aerobatic Team, the Red Arrows, April 1, 2010
This amphibious workhorse helicopter served the U.S. Coast Guard for over 25 years. The aircraft has been credited with saving 15,000 lives and $1.5 billion in property loss and damage while in Coast Guard service from 1963 to 1989. Ninety-nine HH-52s were based on Coast Guard cutters, icebreakers, and air stations.

Photo: U.S. Coast Guard

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“There was also the comforting realization that nearly all discoveries were preceded by numerous failures.”
– Igor I. Sikorsky (1889-1972), Helicopter Pioneer

<table>
<thead>
<tr>
<th>Sunday</th>
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<td>1</td>
</tr>
</tbody>
</table>

- **1994** - The last Sikorsky HH-3F Pelican is retired from the US Coast Guard
- **2012** - Defense Acquisition Board approves the US Army’s proposal to conduct industry flight demonstrations in the summer of 2012 for its Armed Aerial Scout requirement
- **2012** - A Royal Netherlands Air Force Boeing AH-64D Apache makes its first landing on the Royal Netherlands Navy Landing Platform Deck, HrMs Rotterdam
- **2012** - AgustaWestland AW169 makes its first flight at the company’s Casina Costa, Italy facility
- **May 16-18, 2013** - 6th International Helicopter Industry Exhibition, Moscow, Russia helirussia.ru/en
- ** Armed Forces Day**
- **1948** - US Marine Corps HMX-1 pilots fly five Sikorsky HO3S-1s from Quantico to Norfolk, VA., and embark aboard USS Patau (CVE 122)

**Mother’s Day**

**Memorial Day observed**
1960-1961 trials carried out at RAE Bedford and at sea (HMS Undaunted), to assess a range of deck landing systems and operation from small ships. These trials led to the Westland Wasp and resulted in the maritime capabilities of the AgustaWestland Lynx and Merlin to this day.
“It appears fitting, when we meet to discuss one or the other of many aspects of rotary wing flight, that we should direct our thoughts to the one man (alas no long with us) whose creative ability and genius not only made possible the Autogiro; but whose foresight and tenacity of purpose so well and truly laid the foundations upon which the helicopter now so surely stands.”

First helicopter to exceed 200 miles/hour in level flight
First tethered hover flight: February 11, 1954
First free hover flight: July 14, 1954
First transition: April 29, 1955

Main photo via Robert Head
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>1926</td>
<td>US Army Air Corps is formed out of the former Air Services.</td>
</tr>
<tr>
<td>2012</td>
<td>US Army's last remaining AH-64A Apache to be upgraded into an AH-64D Block II was formally handed over at a ceremony at Ellington Field Joint Reserve Base in Texas.</td>
</tr>
<tr>
<td>2012</td>
<td>Eurocopter's X3 proof-of-concept high-speed compound helicopter arrives in the Washington, DC area on the final leg of its US tour.</td>
</tr>
<tr>
<td>2012</td>
<td>Sikorsky delivers the 500th UH-60M Black Hawk in a special ceremony at the company’s plant in Stratford, Connecticut.</td>
</tr>
<tr>
<td>2010</td>
<td>Sikorsky announces it has developed an all-electric 200hp (150kW) helicopter, the Firefly, based on the S-300C helicopter.</td>
</tr>
</tbody>
</table>

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**“Reality must take precedence over public relations, for nature cannot be fooled.”**

– Richard P. Feynman (1918-1988), Theoretical Physicist
40th Anniversary
1973-2013

Frank Robinson Helicopter (left side)
with R22 test pilot

R44 flight testing

R66 Turbine first flight

First flight: August 28, 1975 (R22)

All photos: Robinson Helicopter

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“Thank God, men cannot as yet fly, and lay waste the sky as well as the earth.”
– Henry David Thoreau (1817-1862), Author, Philosopher, Winter Journal, January 1861

1964 - First untethered vertical flight of Convair XFY-1 Pogo tail-sitter

1962 - The first US Marine Corps Boeing Vertol HRB-1 (later CH-46A Sea Knight) makes its first flight

1961 - A US Navy Sikorsky HRS-3 helicopter from USNS Haiti Victory makes the first recovery of an object after it had been in orbit when it retrieves a 300-lb instrumented capsule discharged by Discoverer XIII/Project Corona

1961 - Maj E. E. Kluever is the first US Army pilot to fly the Bell XV-3 convertiplane at NASA Ames Research Center, Moffett Field, California

1985 - First flight of a Westland Lynx fitted with British Experimental Rotor Program (BERP) rotor blades

1977 - First US Marine Corps CH-46E Sea Knight modified at Naval Air Rework Facility, MCAS Cherry Point, North Carolina, is rolled out

1964 - US Army CW5 Charles D. Holbrook from the 120th Aviation Company flies the last Boeing Vertol CH-21C Shawnee from Saigon to Vung Tau, Viet Nam

2009 - Three Eurocopter EC 665 Tiger HAP attack helicopters arrive in Kabul and begin combat operations as part of the French Bataillon Helicoptères d’Afghanistan in the NATO coalition

2008 - Sikorsky X2 coaxial compound Technology Demonstrator first flight

2009 - Three Eurocopter EC 665 Tiger HAP attack helicopters arrive in Kabul and begin combat operations as part of the French Bataillon Helicoptères d’Afghanistan in the NATO coalition

4th Annual Penn State Short Course in Rotary Wing Technology
State College, Pennsylvania August 12-16, 2013
www.outreach.psu.edu/rotary-wing

National Aviation Day (U.S.)

Eid al-Fitr

AIAA-AHS-RAeS-SAE International Powered Lift Conference (IPLC)
Los Angeles, California August 12-14, 2013
www.vtol.org/plc

2009 - Three Eurocopter EC 665 Tiger HAP attack helicopters arrive in Kabul and begin combat operations as part of the French Bataillon Helicoptères d’Afghanistan in the NATO coalition

2012 - The 200th Boeing CH-47F Chinook for the US Army is delivered

2008 - Sikorsky X2 coaxial compound Technology Demonstrator first flight

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**September 2013**

<table>
<thead>
<tr>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
<th>SATURDAY</th>
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<td><strong>2</strong></td>
<td><strong>3</strong></td>
<td><strong>Rosh Hashanah</strong></td>
<td><strong>39th European Rotorcraft Forum (ERF)</strong></td>
<td><strong>Yom Kippur begins at sundown</strong></td>
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<td><strong>8</strong></td>
<td><strong>9</strong></td>
<td><strong>Patriot Day (U.S.)</strong></td>
<td><strong>Asian Rotorcraft Forum (ARF) 2013</strong></td>
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<td><strong>13</strong></td>
<td><strong>14</strong></td>
</tr>
<tr>
<td></td>
<td><strong>15</strong></td>
<td><strong>2010 - Sikorsky X2 Technology Demonstrator flies at 250 knots (288 miles/hr) in level flight</strong></td>
<td><strong>1962 - The Tri-Service aircraft designation system is introduced by the US DoD for all US military aircraft; prior to this date, each armed service used their own nomenclature system</strong></td>
<td><strong>2007 - A US Coast Guard Air Station Barbers Point, Hawaii-based Eurocopter HH-65C Dauphin helicopter reaches the one million flight hour milestone for the type</strong></td>
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<tr>
<td><strong>22</strong></td>
<td><strong>23</strong></td>
<td><strong>Autumn Begins</strong></td>
<td><strong>1943 - Kellett receives a contract for a two-place helicopter, the XR-8, with intermeshing rotors</strong></td>
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<td><strong>29</strong></td>
<td><strong>30</strong></td>
<td><strong>1992 - NH Industries signs a design and development contract for the NH90 with the NATO Helicopter Management Agency which represented the original four participating nations: France, Germany, Italy, and the Netherlands</strong></td>
<td><strong>1992 - Kellett receives a contract for a two-place helicopter, the XR-8, with intermeshing rotors</strong></td>
<td><strong>2010 - Sikorsky X2 Technology Demonstrator flies at 250 knots (288 miles/hr) in level flight</strong></td>
<td></td>
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</tbody>
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"245, 250, 251 knots... pretty much level... lower the nose... nice... 260, 262... bringing the nose up, bringing the prop back at the same time... wow, that was nice, I can’t thank you guys enough, that was amazing."

– Kevin Bredenbeck, Sikorsky's Chief Test Pilot and Director of Test & Evaluation, actual voice transmission during the Sept. 15, 2010 test flight when the Sikorsky X2 exceeded the 250-knot goal
LLRV with NASA/Bell 47 chase aircraft

Empty weight: 2,510 lb (1,138 kg)
Max take-off weight: 3,925 lb (1,780 kg)
Maximum speed: 40 miles/hour
Service ceiling: 6,000 ft (1,800 m)
Thrust/weight: 1.07
Endurance: 10 minutes

Powerplant: (1) GE CF700-2V turbofan, 4,200 lbf (19 kN) mounted vertically in a gimbal
Other Propulsion: (2) hydrogen peroxide lift rockets with variable thrust, 100 to 500 lbf (440 to 2,200 N) each to control LLRV rate of descent and horizontal movement
(16) smaller hydrogen peroxide thrusters, mounted in pairs, for pitch, yaw and roll control. (6) 500 lbf (2,200 N) thrust backup safety rockets

First flight: October 30, 1964

NASA Dryden Flight Research Center photos
“I am, and ever will be, a white-socks, pocket-protector, nerdy engineer… and I take a substantial amount of pride in the accomplishments of my profession.”
– Neil Armstrong (1930-2012), Aerospace Engineer, Naval Aviator, Test Pilot, LLRV Pilot, Astronaut and Educator [February 2000]
**November**

<table>
<thead>
<tr>
<th>Sunday</th>
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</tbody>
</table>

“Few people who know the work of Langley, Lilienthal, Pilcher, Maxim and Chanute but will be inclined to believe that long before the year 2000 A.D., and very probably before 1950, a successful aeroplane will have soared and come home safe and sound.”

– H. G. Wells (1866-1946), Writer, 1901

---

**Daylight Saving Time Ends**

1966 - US Army announces that Lockheed's CL-840 design, a rigid-rotor compound helicopter, is the winner of the AAFFS competition. It was later designated the AH-56A Cheyenne.

1957 - Haig-K Aircraft Corporation HK-1A helicopter makes its first free flight.

1991 - Aérospatiale AS365 X Dauphin Grande Vitesse (High Speed Dauphin) sets a Class E1e (3,000-4,500 kg) speed record of 201 knots (372 km/h or 231 miles/hr) over a 3 km triangular course.

2009 - Eurocopter delivers the first of five UH-72As to the US Naval Test Pilot School at Patuxent River Naval Air Station, Maryland.

2011 - Robinson Helicopter Company, the largest manufacturer of civil helicopters, produces its 10,000th helicopter, an R44.

1985 - Aérospatiale HH-65A Dauphin helicopter enters US Coast Guard service.

1964 - First flight of the Hughes XV-9A at Culver City, California, piloted by Robert G. Ferry. It utilized the hot-cycle rotor system.

1983 - First flight of the Bell AH-1T+ SuperCobra.

1957 - First vertical take-off of Fairey Rotodyne prototype.

1966 - First flight of the Hughes XV-9A at Culver City, California, piloted by Robert G. Ferry. It utilized the hot-cycle rotor system.

1962 - US Navy awards Bell Aerosystems Co. of Niagara Falls, NY a contract to design the X-22A Quad Tilt-Duct Tri-Service VSTOL Transport.

1986 - The US Army's 101st Aviation Group (Combat) is re-designated as Aviation Brigade, 101st Airborne Division (Air Assault).

1985 - US Navy awards Bell Aerosystems Co. of Niagara Falls, NY a contract to design the X-22A Quad Tilt-Duct Tri-Service VSTOL Transport.

1986 - First vertical take-off of Fairey Rotodyne prototype.

1775 - US Marine Corps is established.

1783 - Benjamin Franklin and King Louis XVI witness the world's first manned, untethered hot-air balloon flight of Jean-François Pilâtre de Rozier and Marquis François Laurent d'Arlandes at the La Muette, a royal palace in the Bois de Boulogne, Paris.

1965 - US Army announces that Lockheed's CL-840 design, a rigid-rotor compound helicopter, is the winner of the AAFFS competition. It was later designated the AH-56A Cheyenne.

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2003 - The last Sikorsky CH-53E Super Stallion is delivered to Marine Corps Air Station New River, North Carolina. The Marines received 172 of the aircraft over a 23-year period.

2009 - French amphibious assault ship FS Mistral conducts exercises with Russian Navy Karov Ka-29, Ka-31, and Ka-52 helicopters during a visit to St. Petersburg, Russia.

1991 - Aérospatiale AS365 X Dauphin Grande Vitesse (High Speed Dauphin) sets a Class E1e (3,000-4,500 kg) speed record of 201 knots (372 km/h or 231 miles/hr) over a 3 km triangular course.

1983 - First flight of the Bell AH-1T+ SuperCobra.

1957 - Haig-K Aircraft Corporation HK-1A helicopter makes its first free flight.

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1783 - Benjamin Franklin and King Louis XVI witness the world's first manned, untethered hot-air balloon flight of Jean-François Pilâtre de Rozier and Marquis François Laurent d’Arlandes at the La Muette, a royal palace in the Bois de Boulogne, Paris.

1957 - Haig-K Aircraft Corporation HK-1A helicopter makes its first free flight.

1965 - US Army announces that Lockheed's CL-840 design, a rigid-rotor compound helicopter, is the winner of the AAFFS competition. It was later designated the AH-56A Cheyenne.

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NACA/U.S. ARMY/BELL XV-3

TILT ROTOR
First flight: December 18, 1958

Photo: NASA Ames
1944 - The Commandant of the Coast Guard establishes the Coast Guard Office of Air-Sea Rescue

2011 - US Army AMC/COM Acquisition Center signs a contract with MD Helicopters to procure three new MD-500E scout/attack helicopters for the El Salvadoran Air Force

2010 - Northrop Grumman and Bell Helicopter complete the first autonomous test flight of the Fire-X Vertical Unmanned Air System (VUAS) which took place at Yuma Proving Ground in Arizona


1955 - First public showing of the turbine-powered counterpart of the Piasecki YH-16, the YH-16A “Turbo Transporter”, took place at Philadelphia International Airport

1944 - The Commandant of the Coast Guard establishes the Coast Guard Office of Air-Sea Rescue

1994 - Brantly International obtains the type certificates for the Brantly B-2B and 305 helicopters

1958 - First flight of the twin-engine Dornier Do 29 STOL transport. A modified Do 27, it had tilting pusher propellers, capable of tilting 110 degrees

1966 - Brantly Helicopter completes the first autonomous test flight of the Fire-X Vertical Unmanned Air System (VUAS) which took place at Yuma Proving Ground in Arizona

1958 - Bell Helicopter test pilot Bill Quinlan completes the first full conversion to airplane mode of the Bell XV-3 tilt rotor

1951 - Igor Sikorsky accepts the Collier Trophy on behalf of the helicopter industry and the US Armed Forces from President Truman at the White House. The Trophy was awarded for the use of helicopters in air rescue operations

1987 - Production of the Kamov Ka-50 Black Shark attack helicopter is ordered by the Soviet Council of Ministers

1946 - First production Bell YH-13 (Bell 47A) delivered to US Army

2005 - Bell Boeing Joint Program Office was awarded a $1.06 billion contract by the US Navy for procurement of 14 FY 2007 Lot 11 MV-22 and 2 Lot 11 CV-22 aircraft

1946 - First production Bell YH-13 (Bell 47A) delivered to US Army

2011 - US Army's Bell OH-58D War Replacement Aircraft (converted from an A model) is delivered to 1st Squadron, 6th Cavalry

1945 - US Coast Guard Lt. Cmdr. Tremper earns a Silver Life Saving Medal awarded by the US Treasury Dept. for rescuing two civilians who crashlanded on the icebound Shrewsbury River in northeastern New Jersey

"We live in a society exquisitely dependent on science and technology, in which hardly anyone knows anything about science and technology."

– Carl E. Sagan (1934-1996), Astrophysicist
The year at a glance

Prepared by the American Helicopter Society (AHS) History Committee

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This 2013 Rotorcraft & V/STOL History Calendar was prepared by the AHS History Committee.

We join with this committee and with Bell Helicopter Textron to wish you a very happy holiday season and best wishes for the coming year.

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