

Records and Trophies

■ 2005 USAF Almanac

Absolute Aviation World Records

The desirability of a standard procedure to certify air records was recognized early in the history of powered flight. In 1905, representatives of Belgium, France, Germany, Great Britain, Italy, Spain, Switzerland, and the US met in Paris to form the Federation Aeronautique Internationale, the world body of national aeronautic sporting interests. The FAI today comprises the national aero clubs of some 100 nations and certifies national records as world records. Since 1922, the National Aeronautic Association, based in Arlington, Va., has been the US representative to the FAI. The NAA supervises all attempts at world and world-class records in the United States. Absolute world records are the supreme achievements of all the records open to flying machines.

Speed around the world, nonstop, nonrefueled: 115.65 mph (186.11 kph). Richard G. Rutan and Jeana L. Yeager in *Voyager* experimental aircraft at Edwards AFB, Calif., Dec. 14-23, 1986.

Great circle distance without landing: 24,986.727 miles (40,212.139 kilometers). Richard G. Rutan and Jeana L. Yeager in *Voyager* at Edwards AFB, Calif., Dec. 14-23, 1986.

Distance in a closed circuit without landing: 24,986.727 miles (40,212.139 kilometers). Richard G. Rutan and Jeana L. Yeager in *Voyager* at Edwards AFB, Calif., Dec. 14-23, 1986.

Altitude: 123,523.58 feet (37,650.00 meters). Alexander Fedotov flying E-266M, a modified MiG-25, at Podmoskovnoye, USSR, Aug. 31, 1977.

Altitude in horizontal flight: 85,068.997 feet (25,929.031 meters). USAF Capt. Robert C. Helt (pilot) and USAF Maj. Larry A. Elliott (RSO) in Lockheed SR-71A Blackbird at Beale AFB, Calif., July 28, 1976.

Speed over a straight course: 2,193.16 mph (3,529.56 kph). USAF Capt. Eldon W. Joersz (pilot) and USAF Maj. George T. Morgan Jr. (RSO) in Lockheed SR-71A Blackbird at Beale AFB, Calif., July 28, 1976.

Speed over a closed circuit: 2,092.294 mph (3,367.221 kph). USAF Maj. Adolphus H. Bledsoe Jr. (pilot) and John T. Fuller (RSO) in Lockheed SR-71A Blackbird at Beale AFB, Calif., July 27, 1976.

On July 27, 1976, USAF Maj. Adolphus Bledsoe (left) and USAF Maj. John Fuller set the world record for speed over a closed course. Their SR-71A exceeded 2,902 mph.



The Robert J. Collier Trophy

This award, presented by the National Aeronautic Association, is the most prestigious in American aviation. It recognizes the "greatest achievement in aeronautics or astronautics in America, with respect to improving the performance, efficiency, and safety of air or space vehicles, the value of which has been thoroughly demonstrated by actual use during the preceding year." The award is named for a prominent publisher, sportsman, and aviator. Collier, the first person to purchase a Wright airplane for personal use, commissioned the trophy and presented it to the Aero Club of America (the forerunner of the NAA) in 1911.

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| 1911 | Glenn H. Curtiss. Hydro-aeroplane. | 1954 | Richard Travis Whitcomb. Discovery, verification of area rule, yielding higher speed and greater range. |
| 1912 | Glenn H. Curtiss. Flying boat. | 1955 | William M. Allen, Boeing Airplane, Gen. Nathan F. Twining, US Air Force. B-52 bomber. |
| 1913 | Orville Wright. Automatic stabilizer. | 1956 | Charles J. McCarthy; Chance-Vought Aircraft; Vice Adm. James S. Russell; US Navy Bureau of Aeronautics. F8U Crusader. |
| 1914 | Elmer A. Sperry. Gyroscopic control. | 1957 | Edward P. Curtis. "Aviation Facilities Planning" report. USAF/Lockheed/GE F-104 team. F-104. |
| 1915 | W. Sterling Burgess. Burgess-Dunne hydro-aeroplane. | 1958 | Clarence L. Johnson, airframe design; Neil Burgess, Gerhard Neumann, J79 turbojet engines; Maj. Howard C. Johnson, landplane altitude record; Capt. Walter W. Irwin, straightaway speed record. |
| 1916 | Elmer A. Sperry. Drift indicator. | 1959 | USAF, General Dynamics-Convaair, Space Technology Laboratories. Atlas ICBM. |
| 1917 | No award. | 1960 | Vice Adm. William F. Raborn. Polaris ballistic missile. |
| 1918 | No award. | 1961 | A. Scott Crossfield, Cmdr. Forrest Petersen, Joseph A. Walker, Maj. Robert M. White. X-15 test flights. |
| 1919 | No award. | 1962 | Lt. Col. John H. Glenn Jr. (USMC), Cmdr. Walter M. Schirra Jr., Cmdr. Alan B. Shepard Jr., Lt. Cmdr. M. Scott Carpenter, Maj. L. Gordon Cooper, Maj. Virgil I. Grissom, Maj. Donald K. Slayton. Pioneering US manned spaceflight. |
| 1920 | No award. | 1963 | Clarence L. Johnson. A-11 (A-12) Mach 3 aircraft. |
| 1921 | Grover Loening. Aerial yacht. | 1964 | Gen. Curtis E. LeMay. Expanding frontiers of American aeronautics and astronautics. |
| 1922 | US Air Mail Service. One year without fatality. | 1965 | James E. Webb, Hugh L. Dryden. Gemini spaceflight program. |
| 1923 | US Air Mail Service. Commercial night flying. | 1966 | James S. McDonnell. F-4 Phantom and Gemini space vehicles. |
| 1924 | US Army Air Service. First aerial flight around world. | 1967 | Lawrence A. Hyland, Hughes Aircraft, Jet Propulsion Laboratory, associated organizations. Surveyor program. |
| 1925 | S. Albert Reed. Metal propeller. | 1968 | Col. Frank Borman, Capt. James A. Lovell Jr. (USN), Lt. Col. William A. Anders. Apollo 8, first manned lunar orbit mission. |
| 1926 | Maj. E.L. Hoffman. Practical parachute. | 1969 | Col. Edwin E. Aldrin Jr., Neil A. Armstrong, Col. Michael Collins. Apollo 11 moon landing. |
| 1927 | Charles L. Lawrance. Radial air-cooled engine. | 1970 | Boeing with Pratt & Whitney and Pan Am. Commercial 747 service. |
| 1928 | Commerce Dept., Aeronautics Branch. Airways, air navigation facilities. | 1971 | Robert T. Gilruth, Col. James B. Irwin, Col. David R. Scott, Lt. Col. Alfred M. Worden. Apollo 15 mission. |
| 1929 | National Advisory Committee for Aeronautics. Cowling for radial air-cooled engines. | 1972 | Adm. Thomas H. Moorer, USAF 7th and 8th Air Forces, Navy Task Force 77. Operation Linebacker II. |
| 1930 | Harold Pitcairn and staff. Autogiro. | 1973 | Skylab Program, William C. Schneider, Skylab astronauts. Skylab operations. |
| 1931 | Packard Motor Car. Diesel aircraft engine. | 1974 | John F. Clark, NASA; Daniel J. Fink, GE; RCA; Hughes. Resource and environmental management in space technology; LANDSAT. |
| 1932 | Glenn L. Martin. Two-engined, high-speed, weight-carrying airplane. | 1975 | David S. Lewis, General Dynamics, USAF-industry team. F-16 aviation technologies. |
| 1933 | Hamilton Standard Propeller, Frank W. Caldwell. Controllable-pitch propeller. | 1976 | USAF, Rockwell, B-1 industry team. B-1 bomber. |
| 1934 | Maj. Albert F. Hegenberger. Blind-landing experiments. | 1977 | Gen. Robert J. Dixon; Tactical Air Command. Red Flag. |
| 1935 | Donald Douglas and staff. DC-2. | 1978 | Sam B. Williams, Williams Research. Turbofan cruise missile engines. |
| 1936 | Pan American Airways. Trans-Pacific and overwater operations. | 1979 | Paul B. MacCready, AeroEnvironment, Inc., Bryan Allen. <i>Gossamer Albatross</i> . |
| 1937 | Army Air Corps. Design, flight test of XC-35 first pressurized cabin. | 1980 | NASA's Voyager mission team, Edward Stone. Voyager flyby of Saturn. |
| 1938 | Howard Hughes and crew. Around-the-world flight. | 1981 | NASA, Rockwell, Martin Marietta, Thiokol, government-industry shuttle team, and astronauts Capt. Robert L. Crippen (USN), Col. Joe H. Engle, Capt. Richard H. Truly (USN), John W. Young. First flights of <i>Columbia</i> , first shuttle. |
| 1939 | US airlines. Air travel safety record. | 1982 | T.A. Wilson, Boeing, supported by FAA, industry, airlines. 757 and 767 airliners. |
| 1940 | Sanford Moss, Army Air Corps. Turbo-supercharger. | 1983 | US Army, Hughes Helicopters, industry team. AH-64A Apache helicopter. |
| 1941 | US Army Air Forces and US airlines. Pioneering worldwide operations. | | |
| 1942 | Gen. H.H. Arnold. Leadership of US Army Air Forces. | | |
| 1943 | Capt. Luis De Florez (USNR). Synthetic training devices. | | |
| 1944 | Gen. Carl A. Spaatz. US air campaign against Germany. | | |
| 1945 | Luis W. Alvarez. Ground-control approach radar landing system. | | |
| 1946 | Lewis A. Rodert. Thermal ice-prevention system. | | |
| 1947 | Lawrence D. Bell, John Stack, Capt. Charles E. Yeager. Supersonic flight. | | |
| 1948 | Radio Technical Commission for Aeronautics. All-weather air traffic control system. | | |
| 1949 | William P. Lear. F-5 automatic pilot, automatic approach control coupler system. | | |
| 1950 | Helicopter industry, military services, Coast Guard. Rotary-wing aircraft in air rescue. | | |
| 1951 | John Stack, associates at Langley Aeronautical Laboratory, NACA. Transonic wind tunnel throat. | | |
| 1952 | Leonard S. Hobbs. J57 jet engine. | | |
| 1953 | James H. Kindelberger, Edward H. Heinemann. Supersonic airplanes (F-100, F4D). | | |

The Robert J. Collier Trophy, continued

1984	NASA, Martin Marietta, Walter W. Bollendonk, astronaut Capt. Bruce McCandless II (USN), Charles E. Whitsett Jr. Manned maneuvering units, satellite rescues.	1994	USAF, McDonnell Douglas, US Army, C-17 industry team. C-17.
1985	Russell W. Meyer, Cessna Aircraft, Cessna Citation business jets. Outstanding safety.	1995	Boeing 777 team. Boeing 777.
1986	Jeana L. Yeager, Richard G. Rutan, Elbert L. Rutan, Bruce Evans, team of volunteers. <i>Voyager</i> flight.	1996	Cessna Citation X design team. Cessna Citation X.
1987	NASA Lewis Research Center, NASA-industry team. Advanced turboprop propulsion concepts.	1997	Gulfstream Aerospace, Gulfstream V industry team. Gulfstream V.
1988	Rear Adm. Richard H. Truly. Manned space recovery program.	1998	Lockheed Martin, GE Aircraft Engines, NASA, Air Combat Command, Defense Intelligence Agency. U-2S/ER-2.
1989	Ben R. Rich, Lockheed-USAF team. F-117A.	1999	Boeing, Hornet industry team, and US Navy. F/A-18E/F.
1990	Bell-Boeing team. V-22 Osprey.	2000	Northrop Grumman, Rolls Royce, Raytheon, L-3 Communications, USAF, DARPA. Global Hawk.
1991	Northrop-USAF industry team. B-2.	2001	Pratt & Whitney, Rolls Royce, Lockheed Martin, Northrop Grumman, BAE Systems, JSF Program Office. Integrated lift fan propulsion system.
1992	Global Positioning System team: USAF, US Naval Research Lab, Aerospace Corp., Rockwell, IBM Federal Systems. Navstar GPS system.	2002	Sikorsky Aircraft and the S-92 industry team. S-92 helicopter.
1993	Hubble Space Telescope recovery team. Successful	2003	Gulfstream G550 team. Ultra long-range business jet.

The Mackay Trophy

The Mackay Trophy was established by Clarence H. Mackay, an industrialist, philanthropist, communications pioneer, and aviation enthusiast. Presented by the National Aeronautic Association, the trophy recognizes "the most meritorious flight of the year" by an Air Force member, members, or organization.

1912	2nd Lt. H.H. Arnold.	1936	Capt. R.E. Nugent; 1st Lts. J.A. Miller and E.G. Simenson; 2nd Lts. B.W. Armstrong, H. Morgan Jr., and W.P. Ragsdale Jr.; TSgt. G.W. Olson; SSgt. H.M. Miller; Cpl. Air Mechanic 2nd Class F.B. Connor.
1913	2nd Lts. J.E. Carberry and F. Seydel.	1937	Capt. C.J. Crane and G.V. Holloman.
1914	Capt. T.F. Dodd and Lt. S.W. Fitzgerald.	1938	2nd Bombardment Group, Lt. Col. R. Olds.
1915	Lt. B.Q. Jones.	1939	Majs. C.V. Haynes and W.D. Old; Capt. J.A. Samford; 1st Lts. R.S. Freeman and T.G. Wold; MSgt. A. Cattarius; TSgts. W.J. Heldt, H.L. Hines, and D.L. Spicer; SSgts. R.E. Junior and J.E. Sands.
1916	No award.	1940	No award.
1917	No award.	1941	No award.
1918	Capt. E.V. Rickenbacker.	1942	No award.
1919	Lt. Col. H.E. Hartney; Capts. J.O. Donaldson, L.H. Smith, and F. Steinle; Lts. B.G. Bagby, D.B. Gish, E.M. Manzelman (posthumously), B.N. Maynard, R.S. Northington, and A. Pearson Jr.	1943	No award.
1920	Capt. St.C. Streett; 1st Lt. C.C. Nutt; 2nd Lts. C.H. Crumrine, R.C. Kirkpatrick, and E.H. Nelson; Sgts. J.E. English, E. Henriques, and A.T. Vierra.	1944	No award.
1921	Lt. J.A. Macready.	1945	No award.
1922	Lts. J.A. Macready and O.G. Kelly.	1946	No award.
1923	Lts. J.A. Macready and O.G. Kelly.	1947	Capt. C.E. Yeager.
1924	Capt. L.H. Smith; 1st Lts. L.P. Arnold, E.H. Nelson, and L. Wade; 2nd Lts. J. Harding Jr. and H.H. Ogden.	1948	Lt. Col. E. Beaudry.
1925	Lts. C.K. Bettis and J. Doolittle.	1949	Capt. J.G. Gallagher and crew of <i>Lucky Lady II</i> .
1926	Pan American Goodwill Fliers: Maj. H.A. Dargue; Capts. I.C. Eaker, A.B. McDaniel, and C.F. Woolsey (posthumously); 1st Lts. J.W. Benton (posthumously), M.S. Fairchild, C.McK. Robinson, B.S. Thompson, L.D. Weddington, and E.C. Whitehead.	1950	27th Fighter Wing.
1927	Lts. A.F. Hegenberger and L.J. Maitland.	1951	Col. F.J. Ascani.
1928	1st Lt. H.A. Sutton.	1952	Majs. L.H. Carrington Jr. and F.W. Shook; Capt. W.D. Yancey.
1929	Capt. A.W. Stevens.	1953	40th Air Division, SAC.
1930	Maj. R. Royce.	1954	308th Bombardment Wing (M) and 38th Air Div., SAC.
1931	Brig. Gen. B.D. Foulois.	1955	Col. H.A. Hanes.
1932	11th Bombardment Sq., March Field, Calif., 1st Lt. C.H. Howard.	1956	Capt. I.C. Kincheloe Jr., Air Research and Development Command.
1933	Capt. W.T. Larson.	1957	93rd Bombardment Wing, SAC.
1934	Brig. Gen. H.H. Arnold.	1958	TAC Air Strike Force, X-Ray Tango.
1935	Capt. O.A. Anderson and A.W. Stevens.	1959	US Air Force Thunderbirds.
		1960	6593rd Test Sq., Hickam AFB, Hawaii.
		1961	Lt. Col. W.R. Payne and Majs. W.L. Polthemus and R.R. Wagener, 43rd Bomb Wing, SAC.
		1962	Maj. R.G. Sowers and Capts. R. MacDonald and J.T. Walton.
		1963	Capt. D.R. Mack, J.R. Ordemann, and W.P. Tomsett; TSgt. E.P. Inlow; SSgts. F.C. Barrett and J.E. Morgan.
		1964	464th Troop Carrier Wing, TAC.
		1965	YF-12A Test Force (Col. R.L. Stephens; Lt. Col. D. Andre; Majs. W.F. Daniel and N.T. Warner; Capt. J.P. Cooney).

The Mackay Trophy, continued

1966	Lt. Col. A.R. Howarth.	1986	KC-10 crew (Capts. M.D. Felman and T.M. Ferguson; MSgts. C. Bridges Jr., P.S. Kennedy, and G.G. Treadwell; TSgts. L.G. Boulder and G.M. Lewis; SSgts. S.S. Flores, S.A. Helms, and G.L. Smith), 68th Air Refueling Group, SAC.
1967	Maj. J.H. Casteel; Capts. D.L. Hoar and R.L. Trail; MSgt. N.C. Campbell.	1987	Det. 15, USAF Plant Representative Office, and B-1B SPO.
1968	Lt. Col. D.D. Cole.	1988	C-5 crew, 436th Military Airlift Wing.
1969	49th Tactical Fighter Wing, TAC.	1989	B-1B crew, 96th Bomb Wing.
1970	Capt. A.D. Milacek and AC-119K crew (Capts. R.E. Clancy, R.C. Jones, B.C. O'Brien, and J.A. Russell; TSgt. A.A. Nash; SSgts. A. Lopez Jr. and R.R. Wilson; Sgt. K.E. Firestone; A1C D.H. Cofer).	1990	AC-130 crew, 16th Special Operations Sq.
1971	Lt. Col. T.B. Estes and Maj. D.C. Vick.	1991	MH-53 crew, 20th Special Operations Sq.
1972	Capt. C.B. DeBellevue, J.S. Feinstein, and R.S. Ritchie.	1992	C-130 crew, 310th Airlift Sq., ACC, Howard AFB, Panama.
1973	MAC aircrews.	1993	B-52 crew, 668th Bomb Sq., ACC.
1974	Majs. W.R. MacFarlane, D.W. Peterson, and R.J. Smith.	1994	HH-60G crew of Air Force Rescue 206 and 208, 56th Rescue Sq., ACC, NAS Keflavik, Iceland.
1975	Maj. R.W. Undorf.	1995	Aircrew BAT 01, Dyess AFB, Tex.
1976	Capt. J.A. Yule.	1996	Aircrew Duke 01, 2nd Bomb Wing, Barksdale AFB, La.
1977	C-5 aircrew (Capt. D.M. Sprinkel and crew).	1997	Crew of Whiskey 05, 7th Special Operations Sq., RAF Mildenhall, UK.
1978	C-5 aircrews (Lt. Col. R.F. Schultz and crew and Capt. T.H. Hohberger and crew, 436th Military Airlift Wing).	1998	Crew of Air Force Rescue 470, 210th Rescue Sq., Kulis ANGB, Alaska.
1979	Maj. J.E. McArdle Jr.	1999	Capt. J.G.J. Hwang, 173rd FW, Oregon ANG, Klamath Falls Airport, Ore.
1980	Crews S-21 and S-31, 644th Bombardment Sq.	2000	Crew of Airevac 10E1/10E2, 86th AES and 75th AS, Ramstein AB, Germany.
1981	Capt. J.J. Walters.	2001	Crew of Knife 04, 20th SOS, Hurlburt Field, Fla.
1982	B-52 Crew E-21, 19th Bombardment Wing.	2002	Crew of Grim 31, 16th SOS, Hurlburt Field, Fla.
1983	Capt. R.J. Goodman and his crew, 42nd Bombardment Wing, SAC.	2003	Crew of Vijay 10, 62nd AW, McChord AFB, Wash.
1984	Lt. Col. J.L. Hobson Jr.		
1985	Lt. Col. D.E. Faught.		

Gen. Thomas Power (right), commander in chief of Strategic Air Command, greets the B-58 Hustler crew that set three speed records and was later awarded the 1962 Mackay Trophy. From left are Maj. Robert Sowers and Capt. Robert MacDonald and John Walton. For their record-setting flight, the crew flew round-trip between New York and Los Angeles in four hours, 42 minutes.



The Gen. Thomas D. White USAF Space Award

The Gen. Thomas D. White USAF Space Award is named for the fourth Air Force Chief of Staff, a longtime champion of USAF's role in space. The Air Force selects the recipients among USAF individuals or organizations that made the year's outstanding progress in the field of aerospace. It was established in 1961 and, until 1996, sponsored by the National Geographic Society. It is now an AFA national award sponsored by the Gen. B.A. Schriever Los Angeles Chapter.

1961	Capt. Virgil I. Grissom.	1977	Lt. Col. Charles G. Fullerton, Fred W. Haise Jr.
1962	Maj. Robert M. White.	1978	No award.
1963	Maj. L. Gordon Cooper.	1979	Maj. Gen. John E. Kulpa Jr.
1964	Air Force Systems Command.	1980	Gen. Lew Allen Jr.
1965	Lt. Col. Edward H. White II.	1981	Col. Joe Engle, Capt. Richard H. Truly (USN).
1966	Alexander H. Flax.	1982	Lt. Gen. Richard C. Henry.
1967	Gen. John P. McConnell.	1983	Gen. James V. Hartinger.
1968	Col. Frank Borman, Capt. James A. Lovell Jr. (USN), Lt. Col. William A. Anders.	1984	Lt. Gen. Forrest S. McCartney.
1969	Col. Edwin E. Aldrin Jr., Neil A. Armstrong, Col. Michael Collins.	1985	Maj. Gen. Donald W. Henderson.
1970	Brig. Gen. Robert A. Duffy.	1986	Gen. Donald J. Kutyna.
1971	Lt. Gen. Samuel C. Phillips.	1987	Col. Victor W. Whitehead.
1972	Hon. Robert C. Seamans Jr.	1988	Robert R. Barthelemy.
1973	Lt. Col. Henry Hartsfield Jr.	1989	Launch Systems Directorate, Space Systems Division.
1974	No award.	1990	Gen. John L. Piotrowski, USAF (Ret.), Lt. Gen. Donald L. Cromer.
1975	Maj. Gen. Thomas P. Stafford.	1991	Lt. Gen. Thomas S. Moonman Jr.
1976	Gen. William J. Evans.	1992	Maj. Gen. Nathan J. Lindsay, USAF (Ret.).
		1993	Gen. Merrill A. McPeak.
		1994	Gen. Charles A. Horner.
		1995	Gen. Joseph W. Ashy.
		1996	No award.
		1997	Lt. Gen. Patrick P. Caruana.
		1998	Gen. Howell M. Estes III.
		1999	Lt. Gen. Lance W. Lord.
		2000	Gen. Richard B. Myers.
		2001	Gen. Ralph E. Eberhart.
		2002	Lt. Gen. Roger G. DeKok, USAF (Ret.).
		2003	Maj. Robert K. Sheehan.

The Raytheon Hughes Achievement Award

The Raytheon Hughes Achievement Award (formerly the Hughes Trophy) is presented annually to the top Air Force squadron with an air defense/air superiority mission.

Year	Unit, Base	Aircraft	Year	Unit, Base	Aircraft
1953	58th FIS, Otis AFB, Mass.	F-94C	1978	49th FIS, Griffiss AFB, N.Y.	F-106A/B
1954	96th FIS, New Castle County Airport, Del.	F-94C	1979	32nd TFS, Soesterberg AB, Netherlands	F-15A/B
1955	496th FIS, Landstuhl AB, West Germany	F-86D	1980	32nd TFS, Soesterberg AB, Netherlands	F-15A/B
1956	317th FIS, McChord AFB, Wash.	F-86D/F-102A	1981	12th TFS, Kadena AB, Japan	F-15C/D
1957	512th FIS, RAF Bentwaters, UK	F-86D	1982	44th TFS, Kadena AB, Japan	F-15C/D
1958	31st FIS, Elmendorf AFB, Alaska	F-102A	1983	67th TFS, Kadena AB, Japan	F-15C/D
1959	54th FIS, Ellsworth AFB, S.D.	F-89J	1984	318th FIS, McChord AFB, Wash.	F-15A/B
1960	460th FIS, Portland Arpt., Ore.	F-102A	1985	120th FIG (ANG), Great Falls Arpt., Mont.	F-106A/B
1961	83rd FIS, Hamilton AFB, Calif.	F-101B	1986	67th TFS, Kadena AB, Japan	F-15C/D
1962	444th FIS, Charleston AFB, S.C.	F-101B	1987	57th FIS, NAS Keflavik, Iceland	F-15C/D
1963	497th FIS, Torrejon AB, Spain	F-102A	1988	22nd TFS, Bitburg AB, West Germany	F-15C/D
1964	329th FIS, George AFB, Calif.	F-106A/B	1989	67th TFS, Kadena AB, Japan	F-15C/D
1965	317th FIS, Elmendorf AFB, Alaska	F-102A	1990	58th TFS, Eglin AFB, Fla.	F-15C/D
1966	32nd FIS, Soesterberg AB, Netherlands	F-102A	1991	58th TFS, Eglin AFB, Fla.	F-15C/D
1967	317th FIS, Elmendorf AFB, Alaska	F-106A/B	1992	59th FS, Eglin AFB, Fla.	F-15C/D
1968	64th FIS, Clark AB, Philippines	F-102A	1993	71st FS, Langley AFB, Va.	F-15C
1969	71st FIS, Malmstrom AFB, Mont.	F-106A/B	1994	178th FS (ANG), Hector Arpt., N.D.	F-16A/B
1970	57th FIS, NAS Keflavik, Iceland	F-102A	1995	27th FS, Langley AFB, Va.	F-15C/D
1971	48th FIS, Langley AFB, Va.	F-106A/B	1996	60th FS, Eglin AFB, Fla.	F-15C/D
1972	43rd TFS, Elmendorf AFB, Alaska	F-4E	1997	493rd FS, RAF Lakenheath, UK	F-15C
1973	555th TFS, Udorn RTAB, Thailand	F-4D	1998	71st FS, Langley AFB, Va.	F-15C/D
1974	119th FIG (ANG), Hector Field, N.D.	F-101B	1999	493rd FS, RAF Lakenheath, UK	F-15C
1975	318th FIS, McChord AFB, Wash.	F-106A/B	2000	19th FS, Elmendorf AFB, Alaska	F-15C/D
1976	57th FIS, NAS Keflavik, Iceland	F-4C	2001	71st FS, Langley AFB, Va.	F-15C/D
1977	43rd TFS, Elmendorf AFB, Alaska	F-4E	2002	27th FS, Langley AFB, Va.	F-15C/D
			2003	67th FS, Kadena AB, Japan	F-15C