

USAF Almanac

Records and Trophies

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, Germany, the US, Great Britain, France, Spain, Italy, and Switzerland met in Paris to form the Fédération Aéronautique Internationale, the world body of national aeronautic sporting interests. The FAI today comprises the national aero clubs of 77 nations and certifies

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 an aircraft launched from a carrier airplane: 314,750.00 feet (95,935.99 meters). USAF Maj. Robert M.

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.

White flying North American X-15 No. 3 at Edwards AFB, Calif., July 17, 1962.

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.

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.

1911 **Glenn H. Curtiss.** Hydro-aeroplane.
1912 **Glenn H. Curtiss.** Flying boat.
1913 **Orville Wright.** Automatic stabilizer.
1914 **Elmer A. Sperry.** Gyroscopic control.
1915 **W. Sterling Burgess.** Burgess–Dunne hydro-aeroplane.
1916 **Elmer A. Sperry.** Drift indicator.
1917–20 **No award.**
1921 **Grover Loening.** Aerial yacht.
1922 **US Air Mail Service.** One year without fatality.
1923 **US Air Mail Service.** Commercial night flying.
1924 **US Army Air Service.** First aerial flight around world.
1925 **S. Albert Reed.** Metal propeller.
1926 **Maj. E.L. Hoffman.** Practical parachute.

1927 **Charles L. Lawrance.** Radial air-cooled engine.
1928 **Commerce Dept., Aeronautics Branch.** Airways, air navigation facilities.
1929 **National Advisory Committee for Aeronautics.** Cowling for radial air-cooled engines.
1930 **Harold Pitcairn and staff.** Autogiro.
1931 **Packard Motor Car Co.** Diesel aircraft engine.
1932 **Glenn L. Martin.** Two-engined, high-speed, weight-carrying airplane.
1933 **Hamilton Standard Propeller Co., Frank W. Caldwell.** Controllable-pitch propeller.
1934 **Maj. Albert F. Hegenberger.** Blind-landing experiments.
1935 **Donald Douglas and staff.** DC-2.

The Robert J. Collier Trophy, continued

- 1936 **Pan American Airways.** Trans-Pacific and overwater operations.
- 1937 **Army Air Corps.** Design, flight test of XC-35 first pressurized cabin.
- 1938 **Howard Hughes and crew.** Around-the-world flight.
- 1939 **US airlines.** Air travel safety record.
- 1940 **Sanford Moss, Army Air Corps.** Turbo-supercharger.
- 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).
- 1954 **Richard Travis Whitcomb.** Discovery, verification of area rule, yielding higher speed and greater range.
- 1955 **William M. Allen, Boeing Airplane Co., Gen. Nathan F. Twining, US Air Force.** B-52 bomber.
- 1956 **Charles J. McCarthy; Chance-Vought Aircraft; Vice Adm. James S. Russell; US Navy Bureau of Aeronautics.** F8U Crusader.
- 1957 **Edward P. Curtis.** "Aviation Facilities Planning" report.
- 1958 **USAF/Lockheed/GE F-104 team.** F-104. **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.
- 1959 **USAF, General Dynamics-Convair, Space Technology Laboratories.** Atlas ICBM.
- 1960 **Vice Adm. William F. Raborn.** Polaris ballistic missile.
- 1961 **A. Scott Crossfield, Cmdr. Forrest Petersen, Joseph A. Walker, Maj. Robert M. White.** X-15 test flights.
- 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.
- 1963 **Clarence L. Johnson.** A-11 (A-12) Mach 3 aircraft.
- 1964 **Gen. Curtis E. LeMay.** Expanding frontiers of American aeronautics and astronautics.
- 1965 **James E. Webb, Hugh L. Dryden.** Gemini spaceflight program.
- 1966 **James S. McDonnell.** F-4 Phantom and Gemini space vehicles.
- 1967 **Lawrence A. Hyland, Hughes Aircraft Co., Jet Propulsion Laboratory, associated organizations.** Surveyor program.
- 1968 **Col. Frank Borman, Capt. James A. Lovell Jr. (USN), Lt. Col. William A. Anders.** Apollo 8, first manned lunar orbit mission.
- 1969 **Col. Edwin E. Aldrin Jr., Neil A. Armstrong, Col. Michael Collins.** Apollo 11 moon landing.
- 1970 **Boeing with Pratt & Whitney and Pan Am.** Commercial 747 service.
- 1971 **Robert T. Gilruth, Col. James B. Irwin, Col. David R. Scott, Lt. Col. Alfred M. Worden.** Apollo 15 mission.
- 1972 **Adm. Thomas H. Moorer, USAF 7th and 8th Air Forces, Navy Task Force 77.** Operation Linebacker II.
- 1973 **Skylab Program, William C. Schneider, Skylab astronauts.** Skylab operations.
- 1974 **John F. Clark, NASA; Daniel J. Fink, GE; RCA; Hughes.** Resource and environmental management in space technology; LANDSAT.
- 1975 **David S. Lewis, General Dynamics, USAF-industry team.** F-16 aviation technologies.
- 1976 **USAF, Rockwell, B-1 industry team.** B-1 bomber.
- 1977 **Gen. Robert J. Dixon; Tactical Air Command.** Red Flag.
- 1978 **Sam B. Williams, Williams Research Corp.** Turbofan cruise missile engines.
- 1979 **Paul B. MacCready, AeroEnvironment, Inc., Bryan Allen.** *Gossamer Albatross*.
- 1980 **NASA's Voyager mission team, Edward Stone.** Voyager flyby of Saturn.
- 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 *Columbia*, first shuttle.
- 1982 **T.A. Wilson, Boeing, supported by FAA, industry, airlines.** 757 and 767 airliners.
- 1983 **US Army, Hughes Helicopters, industry team.** AH-64A Apache helicopter.
- 1984 **NASA, Martin Marietta, Walter W. Bollendonk, astronaut Capt. Bruce McCandless II (USN), Charles E. Whitsett Jr.** Manned maneuvering units, satellite rescues.
- 1985 **Russell W. Meyer, Cessna Aircraft, Cessna Citation business jets.** Outstanding safety.
- 1986 **Jeana L. Yeager, Richard G. Rutan, Elbert L. Rutan, Bruce Evans, team of volunteers.** *Voyager* flight.
- 1987 **NASA Lewis Research Center, NASA-industry team.** Advanced turboprop propulsion concepts.
- 1988 **Rear Adm. Richard H. Truly.** Manned space recovery program.
- 1989 **Ben R. Rich, Lockheed-USAF team.** F-117A.
- 1990 **Bell-Boeing team.** V-22 Osprey.
- 1991 **Northrop-USAF industry team.** B-2.
- 1992 **Global Positioning System team: USAF, US Naval Research Lab, Aerospace Corp., Rockwell, IBM Federal Systems.** Navstar GPS system.
- 1993 **Hubble Space Telescope recovery team.** Successful orbital recovery and repair.
- 1994 **USAF, McDonnell Douglas, US Army, C-17 industry team.** C-17.
- 1995 **Boeing 777 team.** Boeing 777.
- 1996 **Cessna Citation X design team.** Cessna Citation X.
- 1997 **Gulfstream Aerospace Corp., Gulfstream V industry team.** Gulfstream V.
- 1998 **Lockheed Martin Corp., GE Aircraft Engines, NASA, Air Combat Command, Defense Intelligence Agency.** U-2S/ER-2.

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. Henry H. Arnold.
 1913 2nd Lts. Joseph E. Carberry and Fred Seydel.
 1914 Capt. Townsend F. Dodd and Lt. S.W. Fitzgerald
 1915 Lt. B.Q. Jones.
 1916-17 No award.
 1918 Capt. Edward V. Rickenbacker.
 1919 Lt. Col. Harold E. Hartney; Capts. John O. Donaldson, Lowell H. Smith, and F. Steinle; Lts. B.G. Bagby, D.B. Gish, E.M. Manzelman (posthumously), Belvin N. Maynard, R.S. Northington, and Alexander Pearson Jr.
 1920 Capt. St. Clair Streett; 1st Lt. Clifford C. Nutt; 2nd Lts. C.H. Crumrine, Ross C. Kirkpatrick, and Eric H. Nelson; Sgts. Joe E. English, Edmond Henriques, and Albert T. Vierra.
 1921 Lt. John A. Macready.
 1922 Lts. John A. Macready and C.G. Kelly.
 1923 Lts. John A. Macready and C.G. Kelly.
 1924 Capt. Lowell H. Smith; 1st Lts. Leslie P. Arnold, Eric H. Nelson, and Leigh Wade; 2nd Lts. John Harding Jr. and Henry H. Ogden.
 1925 Lts. Cyrus K. Bettis and Jimmy Doolittle.
 1926 Pan American Goodwill Fliers: Maj. H.A. Dargue; Capts. Ira 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.
 1927 Lts. Albert F. Hegenberger and Lester J. Maitland.
 1928 1st Lt. Harry A. Sutton.
 1929 Capt. A.W. Stevens.
 1930 Maj. Ralph Royce.
 1931 Brig. Gen. Benjamin D. Foulois.
 1932 11th Bombardment Sq., March Field, Calif., 1st Lt. Charles H. Howard.
 1933 Capt. Westside T. Larson.
 1934 Brig. Gen. Henry H. Arnold.
 1935 Capts. O.A. Anderson and A.W. Stevens.
 1936 Capt. Richard E. Nugent; 1st Lts. Joseph A. Miller and Edwin G. Simenson; 2nd Lts. Burton W. Armstrong, Herbert Morgan Jr., and William P. Ragsdale Jr.; TSgt. Gilbert W. Olson; SSgt. Howard M. Miller; Cpl. Air Mechanic 2nd Class Frank B. Connor.
 1937 Capts. Carl J. Crane and George V. Holloman.
 1938 2nd Bombardment Group, Lt. Col. Robert Olds.
 1939 Maj. Caleb V. Haynes and William D. Old; Capt. John A. Samford; 1st Lts. Richard S. Freeman and Torgils G. Wold; MSgt. Adolph Cattarius; TSgts. William J. Heldt, Henry L. Hines, and David L. Spicer; SSgts. Russell E. Junior and James E. Sands.
 1940-46 No award.
 1947 Capt. Charles E. Yeager.
 1948 Lt. Col. Emil Beaudry.
 1949 Capt. James G. Gallagher and crew of *Lucky Lady II*.
 1950 27th Fighter Wing.
 1951 Col. Fred J. Ascani.
 1952 Maj. Louis H. Carrington Jr. and Frederick W. Shook; Capt. Wallace D. Yancey.
 1953 40th Air Division, SAC.
 1954 308th Bombardment Wing (M) and 38th Air Div., SAC.
 1955 Col. Horace A. Hanes.
 1956 Capt. Iven C. Kincheloe Jr., Air Research and Development Command.
 1957 93rd Bombardment Wing, SAC.
 1958 TAC Air Strike Force, X-Ray Tango.
 1959 US Air Force Thunderbirds.
 1960 6593rd Test Sq., Hickam AFB, Hawaii.
 1961 Lt. Col. William R. Payne and Maj. William L. Polthemus and Raymond R. Wagener, 43rd Bomb Wing, SAC.
 1962 Maj. Robert G. Sowers and Capts. Robert MacDonald and John T. Walton.
 1963 Capts. Donald R. Mack, John R. Ordemann, and Warren P. Tomsett; TSgt. Edsol P. Inlow; SSgts. Frank C. Barrett and Jack E. Morgan.
 1964 464th Troop Carrier Wing, TAC.
 1965 YF-12A Test Force (Col. Robert L. Stephens; Lt. Col. Daniel Andre; Maj. Walter F. Daniel and Noel T. Warner; Capt. James P. Cooney).
 1966 Lt. Col. Albert R. Howarth.
 1967 Maj. John H. Casteel; Capt. Dean L. Hoar and Richard L. Trail; MSgt. Nathan C. Campbell.
 1968 Lt. Col. Daryl D. Cole.
 1969 49th Tactical Fighter Wing, TAC.
 1970 Capt. Alan D. Milacek and AC-119K crew (Capt. Roger E. Clancy, Ronald C. Jones, Brent C. O'Brien, and James A. Russell; TSgt. Albert A. Nash; SSgts. Adolfo Lopez Jr. and Ronald R. Wilson; Sgt. Kenneth E. Firestone; A1C Donnell H. Cofer).
 1971 Lt. Col. Thomas B. Estes and Maj. Dewain C. Vick.
 1972 Capt. Charles B. DeBellevue, Jeffrey S. Feinstein, and Richard S. "Steve" Ritchie.
 1973 MAC aircrews.
 1974 Maj. Willard R. MacFarlane, David W. Peterson, and Roger J. Smith.
 1975 Maj. Robert W. Undorf.
 1976 Capt. James A. Yule.
 1977 C-5 aircrew (Capt. David M. Sprinkel and crew).
 1978 C-5 aircrews (Lt. Col. Robert F. Schultz and crew and Capt. Todd H. Hohberger and crew, 436th Military Airlift Wing).
 1979 Maj. James E. McArdle Jr.
 1980 Crews S-21 and S-31, 644th Bombardment Sq.
 1981 Capt. John J. Walters.
 1982 B-52 Crew E-21, 19th Bombardment Wing.
 1983 Capt. Robert J. Goodman and his crew, 42nd Bombardment Wing, SAC.
 1984 Lt. Col. James L. Hobson Jr.
 1985 Lt. Col. David E. Faught.
 1986 KC-10 crew (Capt. M.D. Felman and T.M. Ferguson; MSgts. C. Bridges Jr., P.S. Kennedy, and G.G. Treadwell; TSgts. L.G. Boulter and G.M. Lewis; SSgts. S.S. Flores, S.A. Helms, and G.L. Smith), 68th Air Refueling Group, SAC.
 1987 Det. 15, USAF Plant Representative Office, and B-1B SPO.
 1988 C-5 crew, 436th Military Airlift Wing.
 1989 B-1B crew, 96th Bomb Wing.
 1990 AC-130 crew, 16th Special Operations Sq.
 1991 MH-53 crew, 20th Special Operations Sq.
 1992 C-130 crew, 310th Airlift Sq., ACC, Howard AFB, Panama.
 1993 B-52 crew, 668th Bomb Sq., ACC.
 1994 HH-60G crew of Air Force Rescue 206 and 208, 56th Rescue Sq., ACC, NAS Keflavik, Iceland.
 1995 Aircrew BAT-01, Dyess AFB, Texas.
 1996 Aircrew Duke 01, 2nd Bomb Wing, Barksdale AFB, La.
 1997 Crew of Whiskey-05, 7th Special Operations Sq., RAF Mildenhall, UK.
 1998 Crew of Air Force Rescue 470, 210th Rescue Sq., Kulis ANGB, Alaska.

The Gen. Thomas D. White USAF Space Trophy

The Gen. Thomas D. White USAF Space Trophy 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.

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

The Hughes Achievement Award

The Hughes Achievement Award (formerly the Hughes Trophy) is presented annually to the top Air Force squadron with an

air defense/air superiority mission. Raytheon now sponsors the award.

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