

# EAA OSHKOSH '88 AWARDS

## GRAND CHAMPION AWARDS

GRAND CHAMPION CUSTOM BUILT (PLANS) - Herb Gehlken, Redding, CA, Smyth Sidewinder, N4WM.

GRAND CHAMPION CUSTOM BUILT (KIT) - John C. Levy, Jr., Oceanside, CA 91054, Glasair RG, N88JL.

GRAND CHAMPION ANTIQUE - Barbara Ann Fidler, Alva, FL, 1940 Piper J-3 Cub, NC32957.

GRAND CHAMPION CLASSIC - Jim Stanton and Jim Stanton, Jr., E. Stroudsburg, PA, Piper PA-16 Clipper, N5250H.

GRAND CHAMPION WARBIRD - John Harrison, Sacramento, CA, T-28B, N815SH.

GRAND CHAMPION ROTORCRAFT - Dan Wilkinsen, Kalamazoo, MI, RotorWay Exec, N5040F.

GRAND CHAMPION LIGHT PLANE and GRAND CHAMPION ULTRALIGHT - Bill Young and Al Reay, Woodbury, MN, N3-Pup "Citabrette".

## SPECIAL AWARDS

PROFESSOR AUGUST RASPET MEMORIAL AWARD FOR OUTSTANDING CONTRIBUTIONS TO THE ADVANCEMENT OF THE DESIGN OF LIGHT AIRCRAFT - Homer Kolb, Phoenixville, PA.

STAN DZIK MEMORIAL AWARD FOR OUTSTANDING DESIGN CONTRIBUTION - Russell W. Cowles, Lake Jackson, TX, Quickie Q-200, N84RC. (Sponsor: Stan Dzik Family)

BEST CONTINENTAL ENGINE INSTALLATION - Barbara Fidler, Alva, FL, J-3 Cub, NC32957. (Sponsor: Teledyne-Continental Motors)

EAA/TEXTRON LYCOMING OUTSTANDING SAFETY ACHIEVEMENT AWARD - Russ Runnels, Martinsville, OH.

ANNUAL MCKILLOP/EAA CHAPTER 45 NEWSLETTER AWARD - Peter Obst, Levittown, PA, EAA Chapter 176 (Trenton, NJ).

SCHOOLFLIGHT AWARD - Students of Mundelein, IL High School for their efforts in the construction of the Kitfox "Bush Buster", N5396Y.

SILVER ANNIVERSARY AWARD - Dick Doyle and "Moon Maid", N12041. For 25 consecutive years attendance at the EAA Conventions.

## CUSTOM BUILT AWARDS

### Plans Built

RESERVE GRAND CHAMPION - Guy Moman, Jr., Tuscaloosa, AL, Firebolt, N236. OUTSTANDING WORKMANSHIP: Nelson N. Hall, New Carlisle, OH, Osprey 2, N821H.

George J. Linkis, Hickory Hills, IL, Mustang II, N13GL.

Ron Schroeder, Torrance, CA, Long-EZ, N29RS.

Arnie Ash, Davenport, IA, Long-EZ, N69AA. Thomas F. Tschida, Inver Grove Heights, MN, Starduster Too, N369TT.

Edwin Merkel, Valley Center, KS, Merkel Mark II, N38225.

Ken McDermott, Petaluma, CA, RV-4, N42KM.

Kit Sodergren, Sacramento, CA, Midget Mustang, N51KS.

### Kit Built

RESERVE GRAND CHAMPION - W. E. Todd, Jacksonville, FL, Star-Lite, N747D. OUTSTANDING WORKMANSHIP:

Dr. Richard Ragnell, Dallas, TX, Glasair RG, N87RX.

Norman Howell, APO New York, Quickie, N17UQ.

Deke and Merle Holman, Napa, CA, Christen Eagle, N555DK.

Louis C. Seno, Rochester Hills, MI, Wag-Aero Sport Trainer, N14LS.

## ANTIQUÉ AIRCRAFT

RESERVE GRAND CHAMPION - Fred Nelson, Glen Ellyn, IL, 1943 Stearman PT-17, N63624.

### Silver Age (1928-1932)

CHAMPION - Frank Bass, Moore, MT, 1929 Kari Keen, NC244K.

RUNNER-UP - Bill Watson, Tulsa, OK, 1928 KR-31, NC7780.

OUTSTANDING - Dick Grigsby, Pacific Palisades, CA, 1932 Waco UEC, NC18613.

### Contemporary Age (1933-1945)

CHAMPION - Linda Gamble/Don Combs, Incline Village, NV, 1934 Luscombe Phantom, N272Y.

RUNNER-UP - Rollin A. Hatfield, Meridian, ID, 1938 Taylorcraft, NC21239.

OUTSTANDING CLOSED COCKPIT MONOPLANE - Susan Dusenbury, Greensboro, NC, 1940 Culver Cadet, NC29288.

OUTSTANDING OPEN COCKPIT MONOPLANE - W. R. "Bill" Rose, Barrington, IL, 1937 Ryan STM, NC17343.

OUTSTANDING OPEN COCKPIT MONOPLANE - W. R. "Bill" Rose, Barrington, IL, 1937 Ryan STM, NC17343.

OUTSTANDING CLOSED COCKPIT BIPLANE - Bill Spriggs, Santa Paula, CA, 1943 Beechcraft Staggerwing D17S, NC67736.

## Customized Aircraft

CHAMPION - M. W. Aviation, Jefferson, OH, 1943 Boeing Stearman E-75, N450UR.

RUNNER-UP - W. R. "Bill" Rose, Barrington, IL, 1936 Ryan STA (Special), NC17368.

OUTSTANDING - Jim Drometer, Elko, MN, 1939 Piper J-3 Cub, N24705.

## WW-II Military Trainer/Liaison Aircraft

CHAMPION - Richard D. Darnell, Oklahoma City, OK, 1941 Stearman PT-17, N4935N.

RUNNER-UP - William L. Johnson, Oakbrook, IL, 1943 Boeing Stearman N2S-3, N1066N.

OUTSTANDING - Bob LeMieux, Green Bay, WI, 1940 Boeing Stearman N2S-1, N61816.

## Special Award

OLDEST ANTIQUE - OSHKOSH '88 - 1927 Waco, N312DC owned by Dale W. Crites, Waukesha, WI.

## CLASSIC AIRCRAFT

RESERVE GRAND CHAMPION - Jack Chahan, Stone Mountain, GA, Cessna 140A, N9633A.

CLASS I (0-80 HP) - Xen Motsinger, Cayce, SC, Aeronca 7AC, NC82650.

CLASS II (81-150 HP) - Rick Trimble, Daisy, TN, Cessna 140, N5232C.

CLASS III (151 HP and Up) - Bob Redner, West Bloomfield, MI, Republic RC-3 Seabee, N6283K.

CUSTOM CLASS A (0-80 HP) - Anthony Terrigno, Buena Park, CA, Mooney M18L Mite, N120C.

CUSTOM CLASS B (81-150 HP) - Angelo Fraboni, Monona, WI, Cessna 140A, N140AB.

CUSTOM CLASS C (151 HP and Up) - William Wright, El Cajon, CA, Luscombe Sedan, NC1666B.

## Outstanding in Type

AERONCA CHAMP - Fred Price/Richard Lyon, Onarga, IL, Aeronca 7AC, NC81455. AERONCA CHIEF - Tom Ficklin, Fairbury, IL, Aeronca 11CC, NC4232.

BEECHCRAFT - Georgene and Don McDonough, Palos Hills, IL, Bonanza, N5186C.

CESSNA 120/140 - Michael Shaver, Bridgeton, MO, Cessna 140, N3020N.

CESSNA 170/180 - Lannie and Jamie Hanson, Glasgow, MT, Cessna 180, N3180D.

CESSNA 190-195 - James Rollison, Montara, CA, Cessna 195, N3491V.

ERCOUPE - Vern Brown, St. Paul, MN, Erco coupe 415C, N3675H.

LUSCOMBE - Randy Hudson, Cedar Rapids, IA, Luscombe 8A, NC71660.

NAVION - Don Cowdrey, Owasso, OK, Navion, N91112.

PIPER J-3 - David E. Feutz, Rubicon, WI, Piper J-3C, N42522.

PIPER, OTHERS - Dwayne Trovillion, Mt. Morris, IL, Piper PA-22/20, N2934P.

STINSON - Dan Merritt, Stielacoom, WA, Stinson 108-2, NC224C.

SWIFT - Dick McNeil, N. Wilkesboro, NC, Swift GC-1B, N2457B.

TAYLORCRAFT - John McDonald, Windom, KS, Taylorcraft BC12D-1, NC44493.

LIMITED PRODUCTION - Harold Vroman, Midland, TX, Funk, N77704.

BEST CONTINUOUSLY MAINTAINED - Reid Dennis, Woodside, CA, Grumman Mallard, N2945.

## WARBIRDS

RESERVE GRAND CHAMPION - Jim and Carol Shuttleworth, Huntington, IN, T-6G, N153NA.

JUDGES CHOICE - Guido Zuccoli, Darwin, Australia, Fiat G59-48, NX59B.

BEST P-51 - Jim Priebe, Findlay, OH, P-51, N151JP.

BEST T-18 - Dan Blackwell, Pittsburgh, PA, T-28, N64785.

(Continued on Page 98)



## WASHINGTON REPORT...

(Continued from Page 98)

When NASA began to study general aviation engine potential it started with turbine engines because of the large base of contemporary research being performed. In 1977 four independent studies were contracted by NASA for a future small general aviation engine ranging from 300 to 600 horsepower with improvements in specific fuel consumption of 20% and engine cost savings of 40%.

Generally, the turbine engine has been accepted as the most desirable type of powerplant for small aircraft because of its very low vibration levels, high reliability, multi-fuel capability, better safety record, low weight, fewer exhaust emissions, less maintenance and smaller installation losses. However, turbine engines have been limited to above the 500 horsepower range due to a higher fuel consumption. The challenge, of course, is to overcome the cost and fuel barriers without sacrificing its superior qualities. Current technology does not allow this. Also the 500 horsepower limit bars the use of these engines for most small general aviation aircraft.

Although NASA has devoted a considera-

ble amount of time to the investigation of superior powerplants and airframes for the commuter airline industry, this will not be discussed here since these are all larger aircraft and are not considered part of general aviation.

Another line of NASA investigation is improved air traffic control methods and hardware which is a long subject in itself and can only be of indirect interest to the small general aviation aircraft owner and operator. In brief, this program includes an FAA/NASA program to investigate traffic information in the cockpit.

Similarly, the investigation of problems connected with aerial spraying has been brought to the attention of NASA. These include the drift of spray chemicals away from their intended targets. Performance of spray application aircraft has been studied to improve safety and efficiency using several production models of agricultural aircraft.

Since stall/spin accidents have been a major cause of serious airplane accidents, NASA has devoted much effort to improve the stall/spin characteristics of standard production aircraft. Also more radical designed aircraft such as the Rutan canard configuration have been tested in the full scale Moffatt

wing tunnel in California. This testing included both single and twin engine aircraft.

Over the years NASA has conducted many tests on crashworthiness on aircraft frames, including seats, safety harness and floor designs. Also under the subject of safety has been investigation of the effect of lightning and icing on small aircraft. The icing experiments have included electromagnetic deicers and special coatings for airfoils instead of the conventional boot design used in previous years.

One of the major problems of instrument flying is single pilot operations where the pilot has so much to do that he is overwhelmed by the many tasks that have to be performed in proper sequence. Some of the solutions involve better weather information in the cockpit, coping with increased automation and display formats, and data link for better information transfer.

Many of these NASA experiments will not bear fruit until the 1990's after they have been refined in the laboratory and put into application by the aviation industry. But there is no doubt that we are on the threshold of new developments that will make general aviation aircraft safer, more efficient and more practical in the coming decade.

## EAA OSHKOSH '88 AWARDS

(Continued from Page 31)

**BEST T-6** - William Melamed, Los Angeles, CA, T-6, N36913.

**BEST T-34** - Michael J. Brady, Fairburn, GA, T-34, N34BA.

**BEST JET** - Dillon Precision Products, Scottsdale, AZ, TT-1 Temco, N7752A.

**MOST RARE** - Weeks Air Museum, Miami, FL, Mosquito, N35MK.

**PEOPLES' CHOICE** - Russ and Don Newman, Tulsa, OK, T-34B, N7VY.

**BEST LIAISON** - Dean Richardson, Madison, WI, T-41B, N88779.

**BEST L-19/O-1** - W. D. Porter, Parker, CO, O-1A, N50732.

### SNAP-ON TOOL WRENCH AWARDS

**GOLDEN:** Kim McFarland for John Harrison's T-28B.

The Shuttleworth Team for Jim and Carol Shuttleworth's T-6G.

Sanders Aircraft for Guido Zuccoli's Fiat G-59-4B.

**SILVER:** Jim Priebe for his P-51.

Dan Blackwell for his T-28.

William Melamed for his T-6.

The Brady Team for Michael Brady's T-34.

Dillon Precision Products for their TT-1 Temco.

Weeks Air Museum for their Mosquito.

Milo deGrassi and Associates for Russ and Don Newman's T-34B.

W. D. Porter for his O-1A.

Dean Richardson for his T-41B.

### ROTORCRAFT

**RESERVE GRAND CHAMPION** - David Gittens, Santa Fe, NM, Ikenga Gyrocopter, N5032.

**OUTSTANDING NEW DESIGN** - Arthur Evans, Coatesville, IN, Bensen Gyrocopter, N23GE.

### ULTRALIGHT/LIGHT PLANE

**RESERVE GRAND CHAMPION** - Don Zank, Black River Falls, WI, Challenger.

**HONORABLE MENTION** - J. Reid Howell, Austin, TX, Capella.

### DESIGNER AWARDS

**BEST MIDGET MUSTANG** - Kit Sodergren, Sacramento, CA, N51KS. (Sponsor: Bushby Aircraft)

**BEST MUSTANG II** - Donald Stovall, Allen, TX, N66DS. (Sponsor: Bushby Aircraft)

**BEST COZY** - Vance Atkinson, Bedford, TX, N43CZ. (Sponsor: Nat Puffer)

### MAJOR ACHIEVEMENT AWARDS

Roscoe Morton, Memphis, TN

Carl L. Cessna, Westminster, MD

Bonnie Higbie, Lakeland

John Blair, Sterling, VA

Howard Wells, Loveland, OH

Hugh Jones, Rochester, NY

Waylon Lyons, Fort Payne, AL

Ernest S. Lanyi, Elizabeth, PA

Ken Hirsch, Sioux Falls, SD

Melba Iris Harris, Ft. Payne, AL

### SERVICE TO EAA AWARDS

Robert R. Webster, Collierville, TN

Jewel Webster, Collierville, TN

Joe Gauthier, Cromwell, CT

John Kozak, Glydon, MD

Gerold and Eileen Rathbun, Williamston, MI

Rose Nixon, Chesaning, MI

Andy Lawrence, Andover, KS

J. D. Nelson, Clear Lake, IA

Ken Kelch, Omro, WI

John Boehinke, Stevensville, MI

Richard Rohowetz, Dodgeville, WI

Sally DeFouw, West Allis, WI

Arthur Howard, Endicott, NY

Everett L. Weekley, Cedar Rapids, IA

August Peters, Neenah, WI

Scott Schaick, Oshkosh, WI

Robert G. Reed, New Hope, MN

Ron Oehler, Burnsville, MN

Ed Dassow, West Bend, WI

Phil Myrkie, Appleton, WI

Peg Dorrow, Oshkosh, WI

Gene Piette, Appleton, WI

Brad Witt, Madison, WI

B. B. Boggs, Decatur, IL

Dick Zeumer, Neenah, WI

Otto Jaeger, Neenah, WI

Cindy Duckert, Neenah, WI

Bruce Casner, Neenah, WI

Garrett Nievin, San Antonio, TX

### PRESIDENT'S AWARDS

Karl (Bud) Davidson, West Grove, PA

Jimmy Leeward, Ocala, FL

Bob Whittier, Duxbury, MA

Jim Gorman, Mansfield, OH

Billy Henderson, Lakeland, FL

David Scott, Washington, DC

Colin Soucy, Rives Junction, MI

