

USUA



www.usua.org

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FAI

Colibri Badge Program



FEDERATION AERONAUTIQUE INTERNATIONALE



NATIONAL AERONAUTIC ASSOCIATION

The United States Ultralight Association, Inc. (USUA) is the sole international representative for official ultralight activity in the United States.

USUA is an affiliate member of the National Aeronautic Association (NAA), the national aero club which represents the U.S. in the Federation Aeronautique Internationale (FAI), the world sport aviation governing body comprised of all national aero clubs. The NAA has exclusively delegated to USUA the supervision of FAI related ultralight flying activities such as competition sanctions, issuance of Colibri badges, and the selection of the U.S. Team for World Microlight Championships and World Air Games.

USUA's national competition program, initiated in 1987, includes local through national meets, accrual of national ranking points, and awarding both regional and national champions. Over 500 pilots have participated in this program to date.

More information about the USUA Competition Program can be obtained by visiting www.usua.org, by writing to USUA Competition Program, 104 Carlisle St, Gettysburg, PA 17325 by emailing: usua@usua.org or by calling USUA Headquarters at (717) 339-0200.

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FAI COLIBRI BADGE PROGRAM

INTRODUCTION

Having plotted your course, confirmed it with your local USUA Observer, checked the weather and winds aloft and preflighted your plane—you're off. Through the summer morning haze you spot your first turnpoint, a radio tower, a few miles ahead. You are attempting the first of two 46.6 mile (75 kilometer) cross country flights over a triangular course, one with an outlanding at a designated point along the route, to earn your FAI Bronze Colibri Badge.

FAI colibri badges are international standards of achievement and proficiency, which recognize your successful completion of specific flying goals.

The Federation Aeronautique Internationale (FAI), is the world sport aviation governing body which recognizes USUA as the sole representative in America to supervise FAI related ultralight and microlight flying activities including the issuance of colibri badges. USUA is the exclusive source in the United States for these prestigious internationally recognized awards.

The qualifications for colibri badges are the same in every country and they do not require renewal. As a colibri badge holder you will receive a bronze, silver or gold plated lapel pin to wear that acknowledges your accomplishment and a certificate suitable for framing. Diamond colibri lapel pins include a small diamond inserted in the gold pin.

Passing through the gate 1,000 feet directly over the touchdown point you know that the deafening silence of the engine you just shut down means you WILL land. Having successfully completed three precision landings within 33 feet of the center of the designated spot to earn your bronze badge, you feel confident. Now, for your silver badge, you will complete a 360 degree turn and touch down within half the distance—16.5 feet.

USUA Observers gain the privilege of witnessing and confirming flights and activities relating to colibri badges, competitions and national and world record attempts. USUA Clubs are encouraged to have at least one observer in the club. To become a USUA Observer any member may complete and return a USUA Observer biography available from USUA.

COLIBRI PROFICIENCY BADGES

Unites States Ultralight Association -
National Aeronautic Association - Federation Aeronautique Internationale

The FAI Colibri badges are international standards of achievement which recognize your successful completion of specific ultralight flying goals. USUA is the exclusive source in the United States for these prestigious internationally recognized awards. The qualifications for Colibri badges are the same in every country and they do not require renewal. As a Colibri badge holder you will receive a Bronze, Silver, or gold plated lapel pin to wear that acknowledges your accomplishment and a certificate suitable for framing.

USUA keeps a register of badge flights which it has validated, and informs the world governing body (FAI) of the names of pilots gaining the gold badge until the International total has reached 50. FAI keeps a register of these names.

Below are the requirements and conditions to earn the four different Colibri badges. Locate a USUA Observer in your area to begin flying toward your Colibri badge. It's great activity that you can do on your own and your accomplishments are honored around the world!

QUALIFICATIONS AND REQUIREMENTS

Colibri badges are available to pilots of single or two seat aircraft that meet the FAI microlight definition as follows:

- Any one or two seat aircraft (weightshift trike, powered parachute or paraglider, three axis, etc.) operated under Ultralight or General Aviation rules.
- Minimum speed at gross weight less than 40.4 mph (35.1 knots or 65 km/h)
- Maximum gross weight:

	<u>One Seater</u>	<u>Two Seater</u>
Landplane	662 lbs (300 kg)	992 lbs (450 kg)
Seaplane	728 lbs (330 kg)	1091 lbs (495 kg)

There are four levels of FAI Colibri Badges. Below are the requirements and conditions to earn a bronze, silver, gold or diamond badge. Locate a USUA Observer in your area to begin flying toward your colibri badge. It's a great activity that you can do on your own and your accomplishments are honored around the world!

Bronze Colibri

- 20 hours solo in microlight aircraft (Max 992 lbs gross, 35kt stall) including at least 50 logged flights.
- 3 precision landings within 10m (32.8ft) of the center of a given spot.
- 1 precision landing within 20m (65.6ft) of the center of a given spot from a height of 300 m (1000 ft) AGL with the throttle fully closed. Demonstration of correct go-around (overshoot) procedure.
- Two cross country flights of distance dM x 1 over a triangular course, one with an outlanding at a designated point along the route.

Silver Colibri

- a. 100 hours solo on microlight aircraft including at least 200 logged flights.
- b. 2 flights to approximately 300 m (1000 ft) AGL, stop engine(s), complete a 360 degree turn, and land within 5m (16.4ft) of the center of a given spot.
- c. Four cross country flights of distance dM x 2 with any landing or turn points pre declared. The courses may be straight, dog leg (1 turn point), out and return, or triangular (2 turn points).

Gold Colibri

- a. 300 hours solo on microlight aircraft.
- b. Have competed in two National or FAI recognized International Microlight competitions, as Pilot In Command.
- c. Complete a tour of at least the distance dM x 14 to a predeclared flight plan within 7 consecutive days. The route to contain at least 3 control points which the aircraft is observed to overfly or where a landing is made. Only the final landing of the tour may be made at the initial departure point.
- d. Hold one of the following:
 - National microlight instructor rating;
 - National microlight record (or have held such a record);
 - national microlight seaplane rating plus two 75 km (46.6) cross country flights with a seaplane;
 - National Alpine rating;
 - Having participated in an FAI first category event, (as PIC).

Diamond Colibri

Adopted in 1989, the Diamond Colibri Badge is meant for an outstanding achievement in flying a microlight. The Diamond awards are made by CIMA and are not retroactive. To be awarded a Diamond Colibri Badge one must meet the following requirements:

- a. Be qualified to at least the Silver badge standard.
- b. In the case of two man crews, the pilots should have equal or equivalent aviation experience and both be necessary as crew to achieve the flight.
- c. Application, submitted through USUA, should arrive at three months prior to the annual meeting of the CIMA Commission.
- d. Flights completed after January 1, 1990 may be considered for award.

GENERAL CONDITIONS

- All flights for Colibri Badges must be flown in microlights (Max 992 lbs gross, 35kt stall)
- A pilot must be alone in the aircraft on each flight, other than the hours requirements for the Silver and gold badges and participation in the two seat/two crew competitions. In addition, the Diamond badge may be awarded to a crew of two providing that the special conditions are complied with.
- A flight may count toward any badge or qualification for which it fulfills the requirement.
- Badges may be awarded only in correct order: Bronze, Silver, Gold. A Diamond may be awarded to Silver badge holders.
- A precision landing is a touchdown and stay down landing with no damage to aircraft or pilot. distance measured from the touch down/stay down point of the main wheels.
- to count for badges each leg of a cross country flight must be completed in not more or less than 15% of the pilot's properly calculated flight time for that leg.
- Barographs are not required.
- a sporting License is not required for badge flights.
- Only one course may be declared for any flight.
- dM is the distance the aircraft can fly in nil wind in one hour at the manufacturer's published cruise speed. Evidence of dM must be provided as part of the application for a Colibri award.

CONTROL OF BADGE FLIGHTS

All qualifying flights for badges must be observed and signed for by an Observer registered with USUA. A USUA Observer may only certify a flight if he/she is present at the event for which certification is required. However a landing may be signed for by a witness of legal age who gives his full address and states precisely the location of the landing place.

A USUA Observer may not act in such capacity for any flight for which he is pilot, flight crew, or sponsor.

Flight Declaration. For any cross country flight, a declaration by the pilot shall before takeoff be written by the pilot on the official Cross Country Declaration Statement, or a single sheet of paper or board and include the date of the flight, pilot's name, type of aircraft and registration, and:

- takeoff place, turn and control points (if any) and landing place;
- calculated flight time and time of Declaration;
- date and signature of pilot;
- date and signature of USUA Observer.



[**www.usua.org**](http://www.usua.org)

[**usua@usua.org**](mailto:usua@usua.org)



FAI Microlight Observer Application



Personal Information (PLEASE PRINT CLEARLY)

Name _____
last first middle

Address _____

City _____ State _____ Zip _____

Phone number (____) _____ Date of Birth ____/____/____ Male ____ Female ____

Occupation _____ Nationality _____

INSTRUCTIONS

1. Complete and sign the application. **Except for signatures, all data should be typewritten or printed legibly.**
2. Send completed application and appropriate fee(s) to:
USUA, 104 Carlisle St, Gettysburg PA 17325

MY USUA MEMBER NUMBER IS:

A _____
Required to process application

IMPORTANT

Microlight Observer registration is available exclusively to USUA members. If you are not yet a USUA member or you have let your membership lapse, you will need to submit full annual USUA membership dues at the time you submit this form. See the payment section of this form for further details.

AVIATION INFORMATION

Flight Experience (if any, not required for Observer Registration)

Please complete the following. These questions pertain to single and two place Microlight flying over the past two years.

Hours pilot time: _____
past two years total time

Cross Country (hours) _____

Ultralight Pilot Reg: ☐ USUA ☐ USPPA ☐ USHGA ☐ EAA ☐ ASC
☐ Fixed Wing Airplane ☐ Weightshift Trike ☐ PPC ☐ PPG

FAA certificates held: _____
☐ Fixed Wing Airplane ☐ Weightshift Trike ☐ PPC

**Please check or fill in all that you have participated in or earned:
(if any, not required for Observer Registration)**

Colibri Badge: ☐ Bronze ☐ Silver ☐ Gold ☐ Diamond

U.S. National Championships: Year(s) _____

National Championships Series: Year(s) _____

FAI sanctioned championships: _____

National or World Record: _____

FAI Sporting License No./Exp.: _____

CONDITIONS

In return for the privilege, the applicant agrees to the following terms:
(INITIAL EACH CONDITION)

- _____ 1. I freely and voluntarily assume the risks of microlight aviation and I, or my heirs, promise to hold USUA harmless for injury or damage caused by my microlight observer activities. I certify that all statements made on this form are true and correct.
- _____ 2. To never to bring suit or any legal action against the USUA with regard to any consequence which may occur as a result of this action.
- _____ 3. To fulfill the responsibilities and requirements of the registration being applied for.
- _____ 4. To assure that officially recognized ultralight contests and records are conducted in accordance with all applicable parameters and rules.
- _____ 5. To assure that Championships Series meets, Colibri tasks or record attempt flights meet the conditions and requirements as stated in their respective documents.
- _____ 6. When satisfied, to sign off for a flight or meet in the appropriate area of an application or score sheet.
- _____ 7. To contact USUA for assistance when there is question regarding any requirement.
- _____ 8. To promote USUA recognized and sanctioned contest and records activities.

I have read, and am familiar with, all documents and provisions of the U.S. Microlight Contest & Records program including FAI Sporting Code Section 10.

Applicant Signature _____ Date _____

PAYMENT

☐ **Microlight Observer Registration** \$15.00
(ONE-TIME REGISTRATION)

☐ **USUA Member Annual Dues** \$30.00
(If not already a USUA member)

TOTAL \$ _____

☐ Check Enclosed ☐ Visa/MasterCard/Discover (number below)

Credit card # _____

Credit Card Expiration Date ____/____/____

Cardholder's Signature _____



104 CARLISLE STREET GETTYSBURG, PA 17325

voice: 717-339-0200 fax: 717-339-0063 web: www.usua.org email: usua@usua.org

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FAI Microlight Colibri Badge Application



United States Ultralight Association National Aeronautic Association - Federation Aeronautique Internationale

Applicant Name _____ USUA Member# **A** _____ (Required)
Please Print

Complete Address _____

Phone (_____) _____ Date of Birth _____
Badge Applied For and Processing Fee: ___Bronze \$20.00 ___Silver \$30.00 ___Gold. \$50.00
Enclosed is my:
____check ____money order (payable to USUA)
____Visa ____MasterCard

Card # _____ Exp. _____

(Note: 1m = 3.281 feet, 1km = 0.621 statute miles. dM is the distance the aircraft can fly in nil wind in one hour at the manufacturer's published cruise speed. Evidence of dM must be provided as part of the application for a Colibri award.)

Observer - Initial each item after it is completed and/or verified.

◇◇◇◇ Bronze Badge Requirements ◇◇◇◇

- a) ___ 20 Hrs. solo in microlight aircraft, including at least 50 logged flights,
- b) ___ 3 precision landings within 10m of a given spot,
- c) ___ 1 precision landing within 20m of a given spot from a height of 300m AGL with the throttle fully closed including a demonstration of correct go-around (overshoot) procedure,
- d) ___ Two cross country flights of distance dM x 1 over a triangular course, one with an outlanding at a designated point along the route..

◇◇◇◇ Silver Badge Requirements ◇◇◇◇

- a) ___ 100 hrs on microlights including at least 200 logged flights,
- b) ___ 2 flights to approx. 300m AGL, stop engines, complete a 360 turn, land within 5m of a given spot,
- c) ___ Four cross country flights of distance dM x 2 with any landing or turn points predeclared. The courses may be straight, dog leg (1 turn point), out and return, or triangular (2 turn points).

◇◇◇◇ Gold Badge Requirements ◇◇◇◇

- a) ___ 300 hrs on microlights,
- b) ___ Have competed in 2 national or international microlight competitions run in accordance with FAI Rules,
- c) ___ Complete a tour of at least the distance dM x 14 to a predeclared flight plan within 7 consecutive days. The route to contain at least 3 control points which the aircraft is observed to overfly or where a landing is made. Only the final landing of the tour may be made at the initial departure point.:
- d) ___ Hold one of the following-National Microlight Instructor rating/National Microlight record (or have held one): National/National Microlight Seaplane rating plus two 75km cross-country flights in a seaplane/National Alpine rating:

I, _____ the undersigned USUA Observer,
certify that I am satisfied that the above statements are true and that all conditions for the badge claimed have been properly completed.

This application is for the ___Bronze ___Silver ___Gold Colibri Badge.
Aircraft manufacturers statement of cruise speed and/or evidence of dM as applicable is attached.

Name (Signature) _____ Date _____

Observer (USUA) # **A** _____ Telephone# (_____) _____