

# ABC PROGRAM

NUMBERED CERTIFICATES ISSUED  
FOR ABC PROGRAM C BADGES

- 3321. Ronald A. Beam
- 3322. Maurice G. Black, Jr.
- 3323. Lee Boedeker
- 3324. Theodore L. Branstetter
- 3325. Benjamin C. Brown
- 3326. George E. Dettner, Jr.
- 3327. Augustus A. DeVoe
- 3328. Jesse Fishman
- 3329. William C. Frame
- 3330. Carl Fuller
- 3331. David Haber
- 3332. Charles F. Holleman
- 3333. Wm. Gordon M. Hume
- 3334. Thomas Hutchins, Jr.
- 3335. Lonnie L. Liss
- 3336. Roger Merrill, Jr.
- 3337. Jefferson L. Miller
- 3338. Donald O'Connell
- 3339. James K. Patterson
- 3340. Robert S. Payton
- 3341. Dwight M. Rounds
- 3342. Elmer P. Schacht
- 3343. Thomas K. Sherwood, III
- 3344. S. E. Templeton, Jr.
- 3345. James C. Acton
- 3346. Edgar H. Alden
- 3347. William E. Anderson, Jr.
- 3348. Douglas W. Andrews
- 3349. James R. AuBuchon
- 3350. Robert A. Benzinger
- 3351. James M. Blum
- 3352. J. M. Bower
- 3353. Harold James Brazil, Jr.
- 3354. Charles E. Brigrance
- 3355. William A. Bumgardner
- 3356. Joseph E. Cahill
- 3357. Robert A. Class
- 3358. Manen O. Clements
- 3359. Donald S. Crawford
- 3360. H. Allan Crowther, Jr.
- 3361. David A. Dann
- 3362. John L. Davis
- 3363. Howard Deanto
- 3364. John E. Van Dellen
- 3365. John T. Feeney
- 3366. Richard H. Filbey
- 3367. Chester Fliessbach
- 3368. Kevin M. Frye
- 3369. L. Paul Gallagher
- 3370. Andrew L. Gelfand
- 3371. Joseph J. Gelingner
- 3372. Samuel C. Giltner
- 3373. William J. Goss
- 3374. C. Scott Gregg
- 3375. Donald A. Gurnett
- 3376. Robert H. Haner
- 3377. James A. Holloway
- 3378. William W. Husted
- 3379. Jeffrey D. Ives
- 3380. Donald C. Johnson
- 3381. Royal G. Johnson
- 3382. John C. Kalinowski
- 3383. Otto J. Karst
- 3384. D. Bruce Kenyon
- 3385. Paul R. Knieriem
- 3386. David L. Kolstad
- 3387. Andrew Krog
- 3388. Axel Kurth
- 3389. Earnest J. Lager
- 3390. Stuart B. Larimore
- 3391. Ernest L. Lockwood
- 3392. John H. Longfield
- 3393. James D. Loveless
- 3394. Kenneth A. Luse
- 3395. Paul F. Mazan
- 3396. Karl V. Marzocchi
- 3397. Kenneth L. McCall
- 3398. Harold G. Melanson
- 3399. James O. Newhouse
- 3400. Clive S. Ostenberg

# GERMAN SAILPLANES

FOR EARLY DELIVERY...  
**FOR LOWER COST...**  
FOR BEST SERVICE...

STEVENSON-EBENTHEUER

P. O. Box 52      806 Dachau  
West Germany

INSTRUMENTS • DISPLAY MODELS • TRAILERS • ACCESSORIES

FLY WITH THE FLYING GEHRLEINS  
AT THE

# THERMAL-G-RANCH GLIDERPORT

RD 4 HAMOT RD., WATERFORD, PA. 16441

NEAR ERIE PA.      PH. ERIE 866-1131



**COMPLETE SOARING  
FACILITIES**



WRITE FOR INFORMATION  
**GLIDER-PORT VACATIONLAND**

## New Feminine Goal Record

On August 20, 1966, Miss Helen R. Dick of San Diego, California, established (subject to confirmation) a new national feminine singleplace goal record of 225 miles. The flight, which was made in a Zugvogel III B, began at El Mirage Field, near Adelanto, California, and ended at Benton Station, about 30 miles north of Bishop. The total elapsed time, from take off to landing, was six hours and 15 minutes. The previous U.S. record was set by Miss Dorothy Jean Arnold in 1958 in a Schweizer 1-26. The world record in this category is held by Adela Dankowska of Poland who, on July 7, 1964, flew a Foka 391.46 miles.

## Material Progress

The SSA is presently ill equipped to undertake the testing and evaluation of the many new products which become available with increasing regularity and which might, if properly evaluated, contribute greatly to the progress of sailplane development. Most such work is done by individuals, such

as Stan Hall, Chairman of the Research Committee, on their own time and at their own expense. In light of this situation *Soaring* can only pass on information it receives relating to new materials in the hope that, from time to time, individual members will be sufficiently interested to make investigations themselves.

CIBA (A.R.L.) Ltd., of Duxford, Cambridge, England has recently announced three new products (to be displayed at the S.B.A.C. Exhibition, Farnborough this fall) which are of potential interest to sailplane designers. They are:

1. "Aeroweb" honeycomb in 2024 and 5056 high-strength foils.
2. Foaming adhesives for core splicing and edge bonding in sandwich construction.
3. Two new film adhesives with working temperatures up to 150 degrees C. with no storage or handling problems.

The company further announces a display of particular interest, a helicopter blade 15 ft. 6 in. long, and with a width varying from 4 to 8 inches, made from "Araldite" resin and glasscloth.