

Explorer Scout Builds Rockets

Plans To Launch 11-Foot Missile

A Winston-Salem Explorer Scout has a proud mother these days, and rightly so. The scout is Larry Bennett who, with help from the Navy, expects to be firing soon an eleven-foot rocket he and three high school pals designed and built.

The mother is Zephyra (Mrs. Paul A.) Bennett of Piedmont's accounting department. She and Mr. Bennett have encouraged Larry in his "shooting for the stars" endeavors for the past four years.

Interest Began

Larry's general interest in rockets goes back several years, but it was in 1955 that he decided to explore the field as thoroughly as he could. Since then he says his interest has been "like a snowball rolling downhill."



GENIUS AT WORK Larry Bennett shows that building rockets takes many hours of research and planning. His "space laboratory" is located in the Bennett basement in Winston-Salem.

Two years ago Larry was joined by three other explorer scouts in the rocket work. They are Phillip Mayrand, Vincent Young and LaVern Wright.

Larry says the real progress of the group has been in the development of a special fuel. That and a guidance system similar to the one used in the Army's NIKE missile (though invented without any help from the rocket's manufacturer) have made Larry's accomplishments of interest to the Armed Forces.

Latest Design

The latest design, measuring eleven feet, was developed by the group with Larry in charge of the electronics and nose-cone work, Vincent and Larry in the body design division and Phillip and LaVern in the fuel division.

Estimated altitude of this "monster missile" is between ten and fifteen miles. The size and scope make it impossible to fire on the present firing grounds built by the boys.

When the scouts go with the Navy to fire the latest rocket of their design, they plan to carry four copies of the model. "With four rockets," said Larry, "we can be assured of successful firings."

Larry, who is a junior at Reynolds High School, hopes to stay with rocket work and make it a career. He said he had found out one important thing in his work so far: that an individual cannot do it alone.

One of the real problems, according to Larry, has been money. Including the guidance sys-

tem, each of the larger rockets costs about \$400 to fire. The rocket group has relied upon contributions to continue working. But, of course, their ingenuity has turned some commonplace items into rocket parts.

Has Silver Award

Larry is an Eagle Scout and has received the Silver Award for meritorious achievement in scouting. "Thanks to Piedmont," he added. While working on the award, he received instruction in radio, sheet metal construction and overhaul from Piedmont employees.

N. C. State College is now first on his list for college work. He says he doesn't have any favorite subjects in school, but "likes them all." And as for other interests besides rockets, he names "girls."

BLOCK TO BLOCK . . .

(Continued from Page Two)

George Hicks (DCA) has bought a J-3 Cub and is flying night and day (so we understand) to get off his commercial and instrument ratings.

Jim Connor (DCA, also) is interested in doing the same thing and is looking for a small airplane. Anyone who has a good one for sale might give him a buzz.

Yours Truly attended the Airlines Customer Relations Conference at beautiful Idaho Springs near Denver. Had a good business session with the industry representatives and enjoyed riding Continental's Golden Jet from Chicago out and back.

Till next month, then.

Fare Attends Mail Rate Meet For Local Service Carriers

Milton F. Fare, Piedmont Airlines secretary and assistant treasurer, attended a meeting of local service airlines in Washington August 19 and 20.

Mr. Fare and representatives of the twelve other local service carriers met to consider a revised class mail rate plan proposed by the mail rates staff of the Civil Aeronautics Board.

The CAB requested each local carrier to comment on the proposed revision. Piedmont's comments have been submitted. The company endorses the class rate principle.

A class rate for local carriers would establish final prospective rates. Piedmont now operates on a temporary rate established in January, 1959.

James Durfee, chairman of the CAB, who recently spoke on the proposal, said, "Our objectives would introduce many incentives, give government better control over subsidies and take the CAB out of the business of second-guessing management."

"Until we have a more rational scheme there will be no financial stability in the local transport industry."

Congrats

MARRIAGES

E. D. Akard, DCA, to Celestine Thomas, September 7.
Nancy Pitts, INT, to Van Dale Smith, August 15
Jim Schriver, TYS, to Peggy M. Bray, August 22
J. P. Wheeler, RDU, to Charlotte Stallings, August 22
Ray Campbell, CMH, to Betty Davis, September 19

ENGAGEMENTS

Hight Ferguson, INT, to Peggy Ruth Simmons
Betty Jean Poore, LYH, to Sid Ives

BIRTHS

Bryan Randall Hoots, Boy, to Bobby Hoots (INT) and wife, August 23
Daniel W. McKenney, III, Boy, to D. W. McKenney (ORF) and wife, September 13
Joey High, Boy, to Joe High (ORF) and wife, September 3.
Kimberly Dawn Jones, Girl, to P. P. Jones (ILM) and wife, September 20.

15 YEARS SERVICE

Edward L. Headen, INT, September 13

10 YEARS SERVICE

Warren Foster, CHO, Sept. 10
Joe Culler, INT-FB, Sept. 15
George M. Gilbert, TYS, Sept. 15
Cosby Kenney, LEX, Sept. 19
Vize Dotson, BLF, Sept. 20
Billie N. Cash, INT, Sept. 23
Johnnie Newell, CLT, Sept. 25
Clyde Saylor, INT, Sept. 26
Betty J. Sugg, INT, Sept. 26
Edward Booth, CLT, Sept. 28
Vestle L. Widener, INT-FB, Sept. 28
Arthur Chandler, INT, Sept. 29
John Rehder, INT, Oct. 5
Roy Hobbs, ILM, Oct. 17
Sylvester Pierce, DAN, Oct. 18
David Morrison, EWN, Oct. 20

5 YEARS SERVICE

L. J. Sessler, ORF, Sept. 1
Franklin Burns, CRW, Sept. 3
Ronnie G. Ellwanger, ROA, Sept. 12
Fred Wyckoff, ORF, Sept. 27
Harry K. Swann, ORF-FB, Oct. 18

Happy Birthdays

SEPTEMBER

Ronald C. Abshire, CHW 1
Wade Allen, ISO 11
Arthur W. Almond, ROA 24
Richard J. Armstrong, ILM 20
Bert R. Barnes, INT 12
Grady Barnes, INT 23
Herbert L. Baum, ORF 19
Barbara Bauer, CVG-C 23
Lawrence A. Beggs, DCA 19
Ellis E. Benton, ILM 11
H. L. Blackburn, ILM 18
Jack Brandon, INT 8
Glenn Brittain, INT-FB 20
Cecil Brooks, INT 19
B. C. Broughton, DCA 20
Lester G. Brown, INT 16
Roy Ray Brown, TYS 18
S. S. Brunt, INT 14
Raymond E. Bullard, INT 18
W. L. Bullock, LYH 15
Harry Butner, INT-FB 11
D. K. Carlyle, SDF 3
Iona Mae Carr, ROA 5
Arthur M. Chandler, INT 20
Joe Christenbury, INT 25
Matteo Cigliano, INT-FB 15
Raymond Clodfelter, INT 29
Wilma B. Cook, INT 10
Alfred Tex Cumbie, ROA 15
Marilyn R. Eastes, DCA 9
Steve Benjamin Ellis, INT 7
Robert L. Evans, INT 29
M. O. Everhart, INT 21
Jackie F. Gallaher, DCA 22
Joyce A. Gammons, INT 18
Eugene S. Gibbs, INT 9
J. W. Gillespie, INT 27
Peggy S. Goldtrap, CVG-C 29
Harlie Gordon, INT 6
James K. Gray, INT 1
Ralph Griffith, INT 10
Pearle Grimmett, ROA-FB 9
William Haithcock, INT 29
John Hall, INT-FB 20
Frances Hand, INT 26
C. L. Harrell, INT 3
G. W. Hauser, INT 9
Marilyn Hawkins, INT 7
Daniel L. Hayes, INT 13
Kathryn Hendren, INT 12
Ellen E. Hill, CHO 17
J. H. Hill, INT 18
N. C. Hill, DCA 11
Henry Holleman, ORF 13
Ruth Holt, INT 20
Alfred Huddleston, ILM 30
Bobby Ray Idol, INT 11
J. F. Jackson, ROA 6
R. S. Jackson, INT 21
H. B. Jacobs, SDF 25
John Johnson, DCA 24
Peter Jones, ILM 27
Jack W. Keiser, LYH 21
Hubbie Kelley, INT 21
George Ketner, INT 23
C. C. Kiger, GSO 22
W. F. King, INT 9
Edwin H. Land, INT 29
Ella M. Lanier, CLT-C 3
Enne Lawson, INT 19
Enoch Leavy Lee, ORF 20
John Lipsey, INT 5
R. S. Macklin, INT 23
Carl L. Martin, INT 19
Robert L. Martin, ROA 23
L. Dale Mayhew, ORF 13
R. L. McAlphin, CLT 22
L. W. McNames, INT 21
Charles Meacham, ILM 14
A. Donald Miller, INT 14
Kenneth Miller, GSO 15
Kenneth E. Moore, INT 28
Richard V. Moore, GSO 21
Dwight Lee Odum, ORF 1
Alvin J. Page, ORF 11
M. Ann Pequignot, CVG-C 13
John Rehder, INT 28
Betty Richardson, FAY 3
Robert Rothrock, INT 18
Robert Russell, INT 8
Ernest Sanders, RIC 18
Robert Sauders, INT 18
James R. Schriver, DCA 28
Donald M. Shanks, DCA 28
Carl E. Shore, MYR 11
Glenn M. Smith, ISO 6
Margaret Strong, ORF-C 29
R. M. Sutphin, INT 12
Paul W. Swaim, INT 9
Elizabeth H. Tatum, INT 2
Jack H. Taylor, INT 12
Edward Thurber, ORF 3
Lewis C. Tierney, DCA 6
Donald M. Vance, ROA 7
Willie E. Walker, CHO 20

Bobby Walls, SDF 3
Charles Wiesener, INT-FB 5
Ralph Williams, INT 17
A. S. Wingfield, INT 24
Harold Wooten, INT 26

OCTOBER

Mark Adams, INT 13
Danny Berry, RDU 20
Clarence Blackmon, CMH 8
Clyde R. Bowers, ROA 10
Frances Brock, CVG-C 11
James Butner, INT-FB 9
Andrew Carnera, INT 7
A. B. Casey, LEX 15
Allen Chitty, INT 9
Edgar D. Clement, INT 20
Norman Coitzer, JAMTO 21
Ruby Cornater, INT 25
Thomas Cowen, CVG 30
James Craig, ILM 14
Ed Culler, INT-FB 30
R. C. Dampier, INT 26
Constance Dauer, DCA 15
J. R. Dettinger, ORF 16
Douglas E. Dietrich, INT 1
A. W. Dillon, INT-FB 10
Georgia Dunlap, INT 1
Raymond Emanuelson, ORF 15
Mary Fairchild, INT 31
James Faucette, ROA 29
John L. Flowers, INT-FB 30
C. B. Floyd, INT 6
W. J. Forcum, INT 31
Joseph Gibson, INT 11
George Gilbert, TYS 29
Iris I. Gillikin, JAMTO 16
R. D. Gordon, INT-FB 19
C. W. Gough, INT-FB 9
Jay D. Groce, INT 6
Jack Gwennap, PKB 11
George Hicks, DCA 27
F. J. Hoard, DCA 6
A. H. Holland, INT 31
Arthur Holmes, RDU 5
Richard R. Horn, CRW 7
R. F. Huffman, ROA-FB 14
J. Humphreys, ORF 9
Will L. Jett, RDU 19
Donald R. Kimball, INT 9
Charles N. King, INT 22
H. R. Kirkwood, ROA 10
Richard Kitchen, INT 28
Frank Leone, INT 13
A. R. Livengood, INT 10
W. D. Love, RIC 27
Bruce Lundy, ORF 28
Kenneth W. May, LYH 23
James R. McNeill, MYR 9
Patricia McSorley, CRW 12
J. C. Messick, INT 11
D. R. Monroe, CHO 15
J. C. Morton, INT 10
Franklin D. Neary, CRW 8
Thomas Newell, ORF 4
Ila Nichols, INT 4
J. William Norman, INT 25
Dossie Norwood, INT 15
Virgil L. Outlaw, INT 24
Bobby J. Parker, INT 17
Bruce Parrish, SDF 23
John L. Paschal, INT 20
J. A. Pegram, INT 15
S. Y. Pierce, DAN 6
Floyd R. Pilley, INT 18
Carl Rehder, ILM 25
J. P. Richardson, INT 6
J. M. Riggs, INT-FB 5
Ken Ross, INT 10
Kenneth Rushing, INT 7
John A. Seats, INT-FB 17
Sue A. Self, INT 22
Eve Semiklose, LEX 17
J. B. Snyder, INT 27
R. L. Sorrells, DCA 3
James Stout, INT-FB 2
D. L. Stovall, TYS 4
Gracie A. Surratt, INT 4
Cindy Tyler, FAY 13
Neal Upson, INT 14
H. P. Van Horn, ORF 26
C. A. Vaughan, LYH 24
Norman Y. Webb, INT 1
John E. Webster, INT 17
Arthur Whittaker, ORF 22
John L. Wilkes, ILM 20
Edward J. Wilson, INT 16
Paul Wilson, INT-FB 19
B. A. Wolff, INT 26
Jerry H. Young, DCA 11

AUGUST BELATED

C. E. Pitts, INT 2
Tom Adams, INT 20