

WINSTON-SALEM . . .

Communications

Julia Ann Morrison

Congratulations and best wishes to two girls, from our office, whose engagements have been announced.

Mr. & Mrs. J. H. Alford of Providence, N. C. has announced the engagement of their daughter, Miss Jimmie Alford to Gary Hill, son of Reverend and Mrs. J. C. Hill of Charlotte, N. C.

Miss Alford is a graduate of Cobb Memorial High School in Providence, N. C., attended Weaver Airline Personnel School in Kansas City, Mo. and became an employee of Piedmont Airlines in November, 1955.

Mr. Hill is employed by Capital Airlines. The wedding is planned for March.

The engagement of Miss Ruth Basinger to Mr. Edward Holt, son of Mr. & Mrs. J. O. Holt of Salisbury, N. C., has been announced by her parents, Mr. & Mrs. C. L. Basinger of Salisbury, N. C.

Miss Basinger is a graduate of Granite Quarry High School, Granite Quarry, N. C., attended Weaver Airline Personnel School in Kansas City, Mo. and was employed by Piedmont in December, 1956. Mr. Holt is a member of the Junior Class at North Carolina State College, Raleigh, N. C., majoring in electrical engineering. The wedding will be in late summer.

INT-C is glad to welcome Miss Nancy Cox in our office. She is from Winston-Salem and a very charming girl and we consider ourselves lucky to have her and her pleasing personality a part of our staff.

The personnel of INT-C would like to thank Hertz Rental Car Service for being so thoughtful and remembering us at Christmas time and for the gifts.

UNUSUAL PARTY

A most unusual Christmas party was held on Friday night, Dec. 20, at 9:00 P. M. Unlike most parties held at Christmastime, this one was not held at someone's home, a club, or at some ballroom; it did not have a well-known combo playing their eccentric music in an atmosphere known

to patrons of a "Hernando" type hideway, where you sit and wine and dine; instead, our party was held in a room crowded with teletype machines, trash cans and a radio; our atmosphere was dominated by voices on the ATC line and squelches from either incoming or outbound flights and the rhythm from the ever going teletype machines; the entertainment was the fellowship with co-workers.

Yes, this was a Christmas Party: place, Communications Office; reason, so no one would be left out because they had to work; purpose, fellowship; highlights, the exchanging of gifts and refreshments, which were furnished by members of the office staff; description: unusual, perhaps but nevertheless unique.

Inspection

E. E. Parsons' wife, Mary, entered City Hospital on December 30 for a scheduled operation and we have learned that it was successful and that she will be back home soon.

Mrs. Olive Webster, Secretary to L. H. Jackson, Chief Inspector, flew the coop, so to speak, on December 31 by routing herself off on a one-way charter to HOME. After almost six years, Olive has accepted a fulltime position as a housewife and will be missed very much. During her time with Piedmont, she has done a wonderful job, never complaining. We all extend to her our heartfelt thanks for a job well done and wish her the best of happiness in her new job.

A hearty welcome is extended to Mrs. Ila Nichols, who will assume Mrs. Webster's duties.

Sheetmetal

Cliff Harrell

December was hog-killing time in the breakroom for Myers' crew and you would never know that there were so many ways to fatten, butcher and cure pork. A few lucky city boys received hams, shoulders and sausage as proof that these corn-fed hog yarns were not a lot of bull.

Paul Swaim is a two car man now and you should ask him about his "family" car. Bradley and Bodenheimer took a year end vacation. Robbins likes winter sports too. Wooten could get his spring planting fini-

shed if someone would pull up the rest of last fall's turnips.

Langford went to North Wilkesboro on New Years Day and traded for a late model Olds. He stung 'em so bad they wouldn't even give him the free dinner as advertised.

If you notice Agnew Myers, K. B. Miller and Bill Rameyskipping around the hangar floor in an unusual manner, it is only because they are taking dancing lessons.

F-27 WILL USE REDUX BONDED CONSTRUCTION

When the first Fairchild F-27 rolls out of the Hagerstown plant, approximately 54 % of the total area of the prop-jet transport will be made up of Redux Bonded assemblies. Redux is the trade name of Aero Research, Ltd. and is one of the most thoroughly tested adhesives in the world. The F-27 bonded assemblies will range from doublers 3.6 x 13.6 inches to panels 52 x 192 inches and taper spar caps 408 inches in length. Fairchild reports that numerous tests have shown bonded assemblies are structurally superior to riveted assemblies. Among the advantages they list are:

Reduction in weight.. thinner gauge metals can be used and reinforced where necessary (around cutout and edges).

Increase in fatigue life.. stress levels can be reduced by local reinforcement.

Smooth external finish.. a smooth finish is obtained on exterior surfaces. Where rivets must be used, as in final assembly, simple countersunk riveting is frequently made possible by increasing the skin thickness by bonding doublers to the skin locally on the inside.

Simplification of pressurization.. bonded surfaces simplify the problems presented by cabin pressurization and by integral fuel tanks.

Simplification of design.. in general, the designs of bonded structures are simpler than those of riveted structures.

Simplification of maintenance.. the replacement of loose rivets is virtually eliminated. Increased strength.. bonded joints are stronger than comparable riveted or spot-welded joints.

In the F-27, all major or primary structural junction points utilize riveting with the bonding. Between the main junctions however, bonding is used to fasten stringers to the fuselage and wing skins.