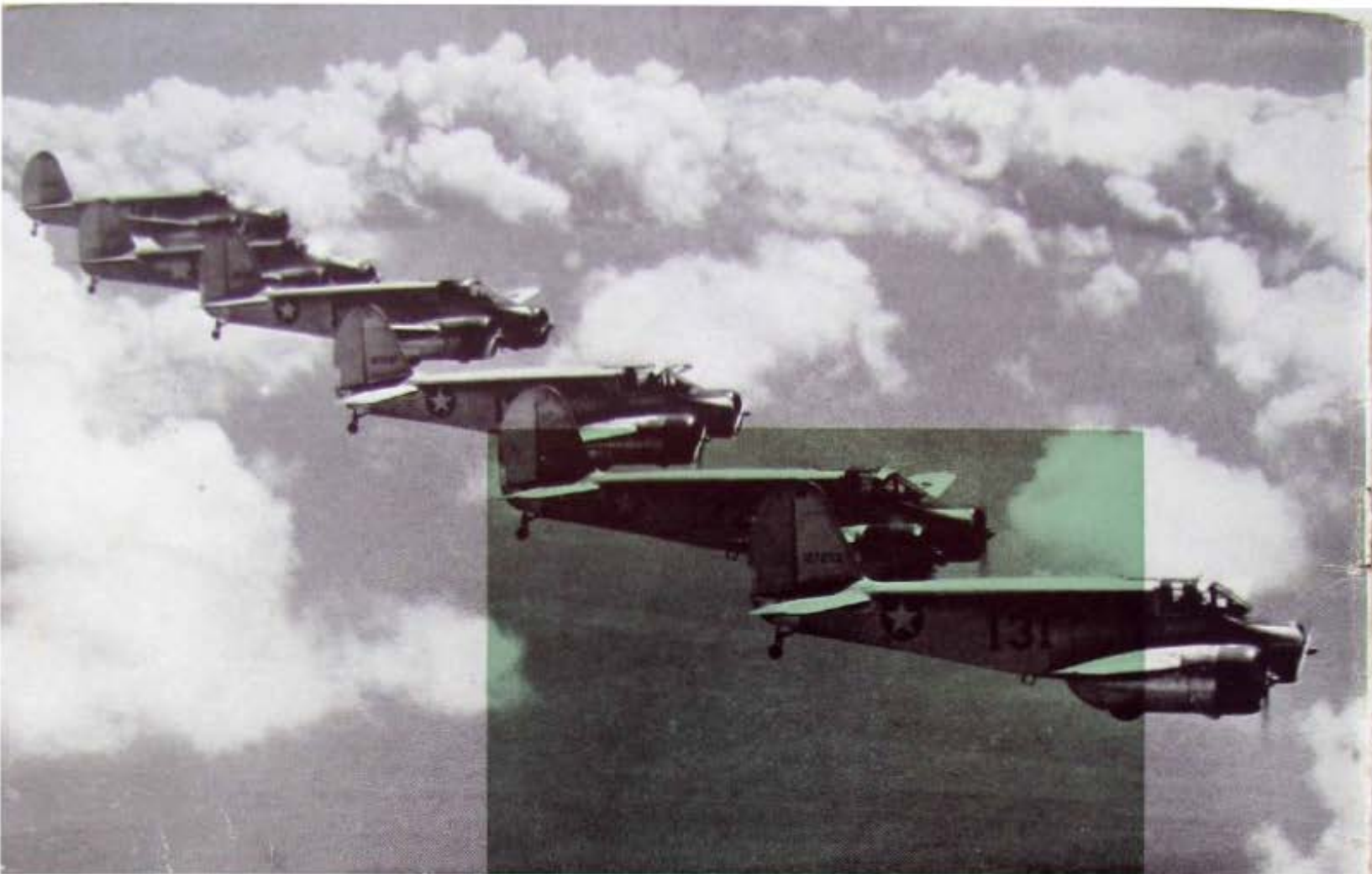




POLARIS

44-1



DEDICATION

THIS BOOK is dedicated to tomorrow . . . the tomorrow that will see us through with our training and wearing the wings of the Army Air Forces . . . the tomorrow that will see us plotting our courses and setting our bombsights over Berlin and Tokyo . . . and beyond that, we dedicate this book to the world of tomorrow, the world for which free men are now fighting and dying. We know it will be a world of peace and freedom and new hope. We know it will be a world in which a man can live peacefully and proudly. So, to tomorrow, and to whatever part Destiny has decreed we play in it, we dedicate both ourselves and this book.

the class of 44-1
navigator wing
and
bombardier wing
ellington field,
texas, presents

Polaris

vol. 2, no. 1

*A.C. Joe Manfredi
January 22, 1944
Houston, Texas*





Col. W. H. Reid

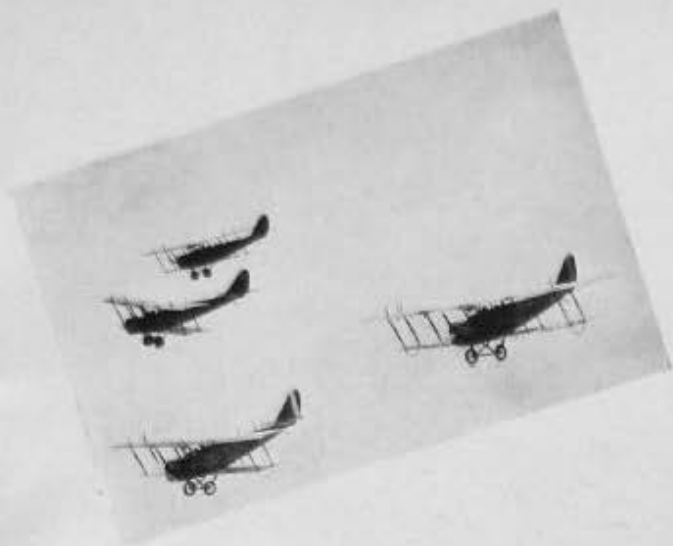
As commander of Ellington Field, Col. Reid started with a huge area of marsh, lots of plans on paper, and very little time to accomplish his mission.

Today, under the ceaseless and energetic direction of Col. Reid, Ellington Field has been transformed from a spot on the map to one of the finest aerial warfare training schools in the world.

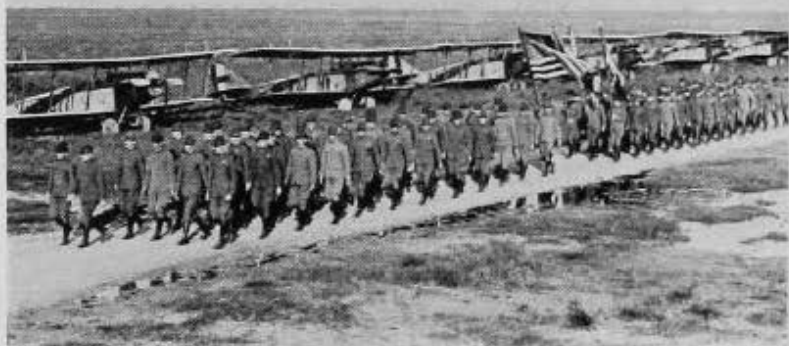
The colonel is a graduate of Kelly Field, a veteran of the World War I, and has more than 5000 hours of flying time to his credit. An exacting type of officer, he is quick to praise efficient work and is reverently referred to by his command as the "squarest kind of leader."



ELLINGTON FIELD 1917



The change Ellington Field has undergone since these pictures were taken is typical of the whole aircraft industry in general and the air corps in particular. The difference between the air corps transformation and that of Ellington Field, however, lies in the fact that Ellington Field was re-made over a period of some twenty years since these pictures were taken, while the U. S. A. air corps was revamped in a period of months to meet the surprising fury and effectiveness of the German Luftwaffe which appeared suddenly over Poland in 1939.



Officers with flags and standards moving into review area.

Major Frank is shown at left, Col. Rader on right, taking a review. Mrs. Rader and Mrs. Frank are in automobile with top down. Note oldtime Dodges and Cadillac, and white hubbards for cadets.

Top: JN-4D airplanes in formation passing in review. These airplanes were powered with 90 h.p. Curtiss engines.

Right: Hangars, line, and building of Ellington Field, Texas, in 1917.





Lt. Col. J. W. Williams

As Director of Training, Col. Williams is the administrative head of the Preflight School of Ellington Field. He is a senior pilot, a World War I test pilot, and a commercial aviation executive of wide experience. He is responsible for aviation cadet training in all its phases.

TO THE CLASS . . .

TO MEMBERS OF THE GRADUATING CLASS, GOOD LUCK!

This seems to be a standard phrase, but it is given with the sincere good wishes of the staff of the Preflight School.

We of the Air Forces are all one family. The Air Force is primarily a striking power. It depends upon teamwork, particularly among members of bombardment crews. That means teamwork by Navigators, Bombardiers, Pilots, Gunners, and Mechanics.

Here at Ellington Field we endeavor to work on the team basis. Any regulations you were required to follow were based upon necessities, and not on a desire to make your work harder. Your stay in schools before you become an officer will be short, so give the best you have! We are giving you the best we can.

J. W. WILLIAMS
Lt. Col., A. C.
Director of Training (B-N)



Lt. Col. H. T. Dresbach
Commandant of Cadets

As Commandant of Aviation Cadets, Col. Dresbach directs the military life and discipline of thousands of young future officers. His calm efficiency and soldierly administration have won for him a high place in the Preflight School. He has a complete understanding of cadet problems.

The Staff

PREFLIGHT SCHOOL

Ellington Field
Texas



Major T. M. Hodges
Director, Ground School

In his position in the Ground School, Major Hodges combines efficiency with a pleasant smile, discipline with understanding. Major Hodges is a graduate of the University of Wisconsin and the law school of the University of Chicago. He has held a commission since 1927 and has been on active duty since August of 1941.



Capt. J. E. Ford
Asst. Commandant

Capt. Ford, Assistant Commandant of Aviation Cadets, assists the Commandant of Cadets in the fulfillment of the latter's many duties. His work involves the handling of innumerable administrative details in order that all functions in the Military Training Department may materialize with clocklike precision.



Capt. C. Jones
Secretary, Preflight School

In the Secretary's Office are handled all matters pertaining to service records, pay, allotments, insurance, bonds, and travel reimbursements. His many activities are matters of vital concern to all cadets of the Preflight School. And to say that the Secretary is a busy man is to put it mildly.



Capt. J. H. Obrig
Preflight Supply Officer

The Supply Officer receives from various agencies the thousands of items required for the proper functioning of the Preflight School. Cadet Supply also maintains the cadets' clothing forms and arranges for alterations or replacement of clothing or shoes.

The Cadet Laundry is under Supply supervision. And Supply handles receipt and shipping of all baggage.



Lt. E. B. Ledbetter
Adjutant, Preflight School

It is the duty of the Adjutant to see that orders and policies of the Director of Training and higher headquarters are carried out. He also has supervision of the Message Center (B-N) and the central file section. The Adjutant is custodian of the Unit Fund which benefits Preflight Cadets. Another duty is preparation and distribution of official correspondence.



Lt. C. W. McLane
Asst. Dir., Ground School

The assistant director has general supervision of instruction. Other duties include planning of master schedules and maintenance of personnel records of instructors and administrative personnel. Correlation of all phases of Preflight instruction is sought. Lt. McLane is a former professor in the school of Education at the University of Missouri.



Lt. Chester C. Amick, Jr.
Asst. Secretary (B-N)

Among the duties of the Assistant Secretary are assignment of cadets to classes, certification of grades, processing of Faculty Board eliminations, and correction of cadet records. Each cadet is rated at this field on the basis of a composite average of his military and scholastic records. This rating has a bearing on his later progress in the Air Forces.



POST SCENES

Situated between the metropolitan centers of Houston and Galveston, Ellington Field has most elements of a city. Block after block of spacious green and cream colored barracks, bordered by green lawns and wide paved streets, house its "citizenry."

In addition to complete city facilities such as post-office, restaurant, fire department, bank, and clothing stores, the post has full recreation outlets, including the ever-present and popular post exchanges. Three theatres feature first-run films at popular prices.

These and the dayrooms, with their ping-pong tables and "coke" machines, are popular with cadets in the evening.





Man would lead a poor existence without tranquility of mind. Aviation cadets receive through the chaplains timely help and inspiration.

And to the Cadet Chorus goes credit for providing a type of music which is worshipful and relaxing, and useful on many occasions.

The graduating class of 44-1 finds itself at the beginning of a new year. Gone is the desire for care-free celebrations. Before us is a colossal job—the winning of the war. Therefore we greet this new year with a seriousness of purpose that will sustain us in the months ahead and prepare us to do our part in winning the victory we know to be necessary for right and justice.



Lt. W. R. Brown

CHAPLAINS

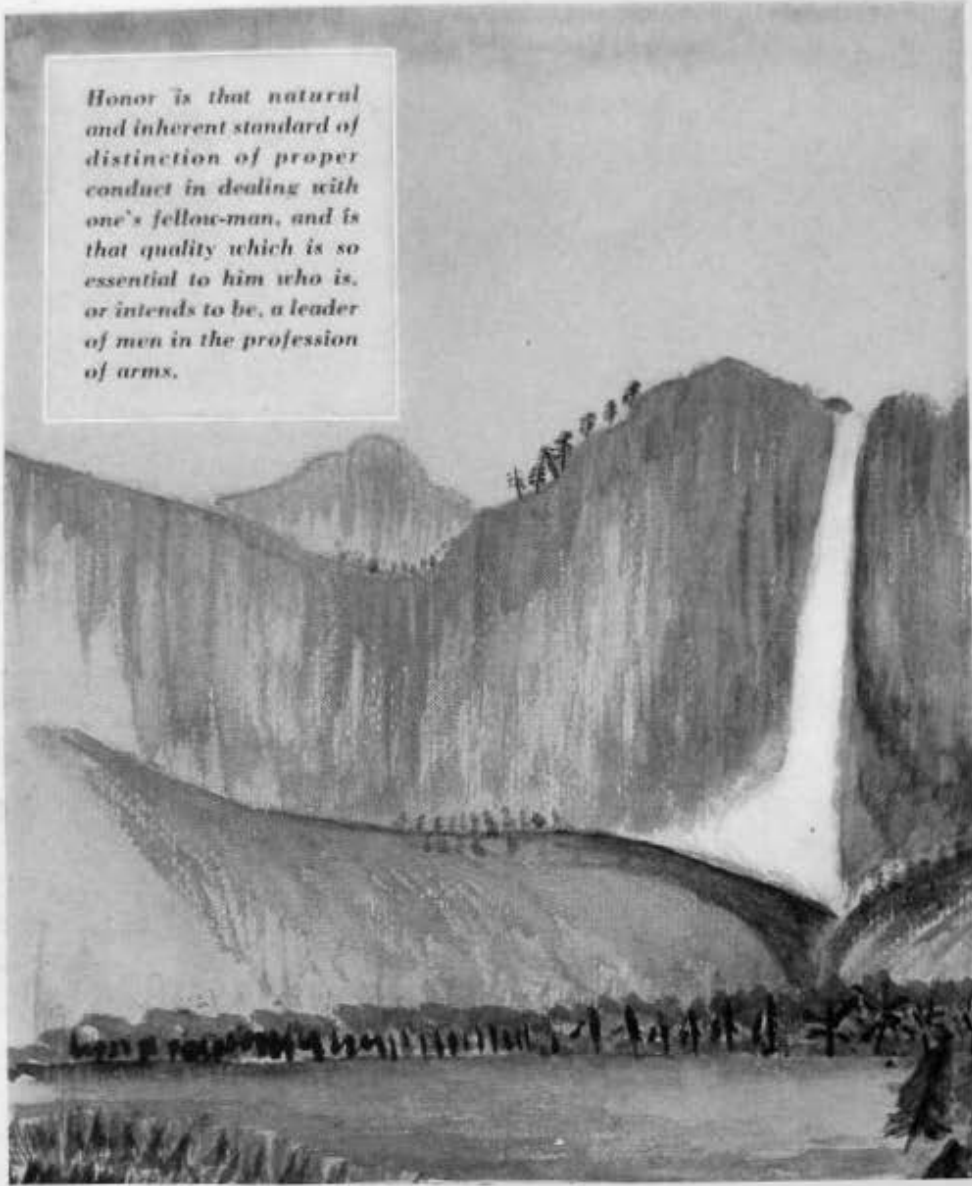


Lt. J. T. Cullen



HONOR BOARD

Honor is that natural and inherent standard of distinction of proper conduct in dealing with one's fellow-man, and is that quality which is so essential to him who is, or intends to be, a leader of men in the profession of arms.



The honor boards, composed of one representative elected from each squadron, are charged with the maintenance of the honor code standards.



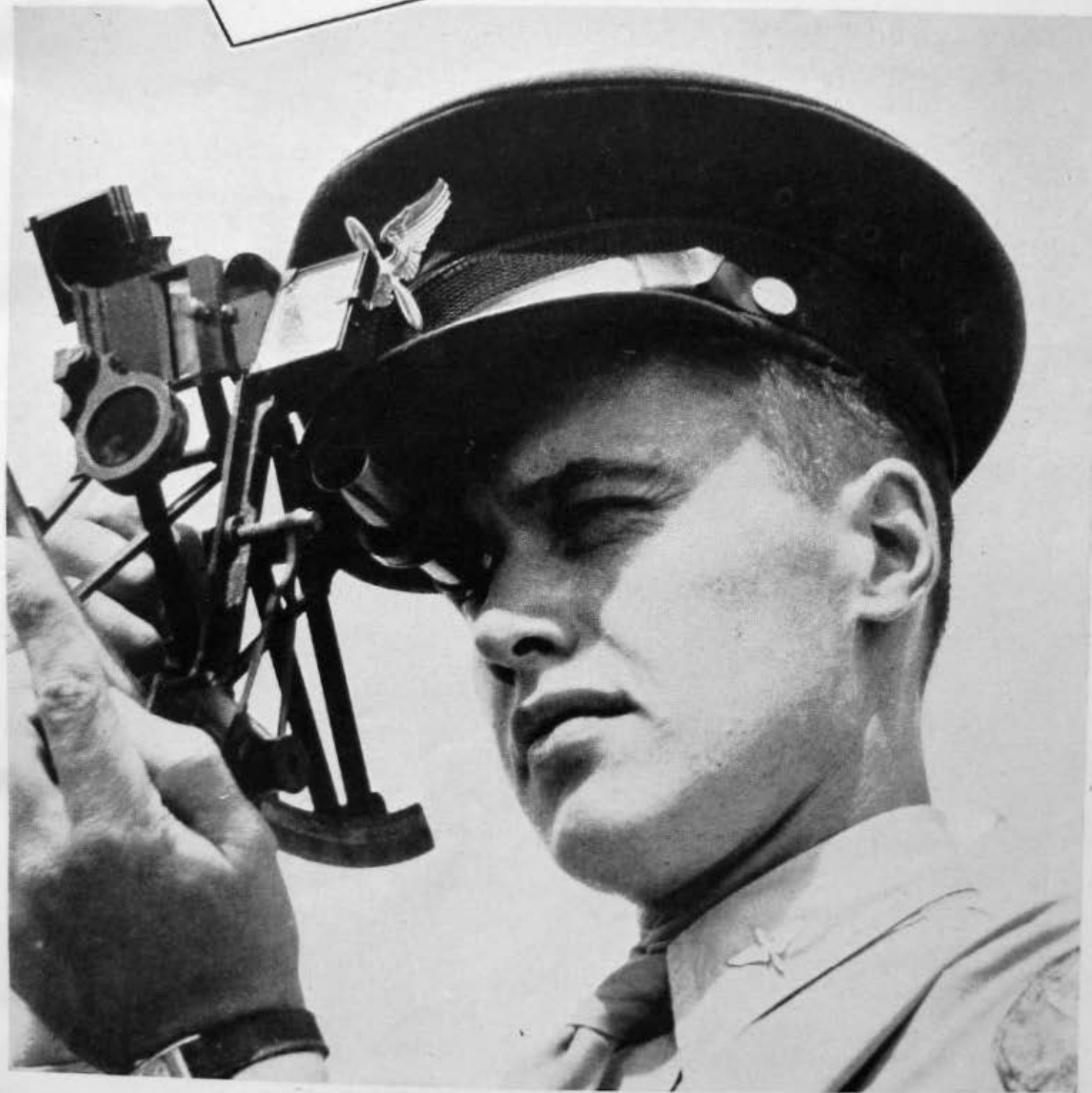
NAVIGATOR COUNCIL: E. W. Marx, M. S. Powers, J. E. Halsey, W. H. Oldenbrook.



BOMBARDIER COUNCIL: Leo Armitage, William H. Rost, Owen V. Ireland, John L. Pfeiffer, Chairman.



Class of 44-1N



MEN OF MERIT . . .



CAPT. C. E. AVERY
Asst. Commandant of Cadets

Captain Avery is the commanding officer of the Navigation Wing. In this capacity his duties include general provision for the welfare of cadets, maintenance of discipline, and responsibility for preflight navigators.

Captain Avery had five years training in the Reserve Infantry, and he served in the 1st Medical Battalion of the Minnesota State Guard. He has been in the Army Air Force since July, 1942.

In civilian life Captain Avery was a newspaper man and a professor at the University of Minnesota and Stanford University. He was born in Colorado and educated at Pomona College and Yale University.



LT. F. C. SCHNELL

The Navigation Wing's administrative officer enlisted in the Air Corps in November, 1941. He was a sergeant at Sheppard Field when he left for the Air Corps Administrative Officers' Candidate School at Miami Beach. Commissioned December 9, 1942, he came immediately to the Navigation Wing as a tactical officer. He is a native of Lubbock, Texas.



NAVIGATION WING HEADQUARTERS

Administration . . . Tactical . . . Student

Through Channels . . . from Preflight Headquarters, to the Navigation Wing, to Groups, Squadrons, Flights, and to each Cadet . . . go orders, schedules, plans. And all are executed with maximum efficiency. Each officer has the responsibility for the men in his command, and each Cadet is responsible for himself and his fellow-cadet. It is this cooperation and mutual-interest which has made for "smooth-schooling" in the Navigation Wing.



CADET WING STAFF

WING COMMANDER: Joseph Callahan. WING ADJUTANT:
Vincent Luine. WING EXECUTIVE OFFICER: Oval Walker.



Lt. E. L. Neeriemer
Group Commander



Lt. H. E. Rathey
Squadron Commander
Squadrons C and D



GROUP 1 STAFF

GROUP COMMANDER: L. B. Hansen. GROUP ADJUTANT: J. C. Larkin. GROUP
EXECUTIVE OFFICER: C. M. Hamrick. GROUP ATHLETIC OFFICER: L. W.
Pipkin.

"Get on the ball." Many the times when we erred it was our Squadron Tactical Officer who helped us get back on that ball. To Lt. Camper, Group 1N, Squadrons E and F are thankful for his assistance and aid.



FLIGHT ONE

Balson, Jerome
 Black, William B.
 Dolland, John C.
 Connell, Hubert B.
 Crepon, Norman R.
 Elhai, Abraham
 Grogan, Kenneth F.
 Hall, Don G.
 Hand, Joseph C.
 Hocker, John B.
 Jenkins, Marshall D.
 Katz, Dave D.
 King, Ralph G.
 Koniusz, Edwin J.
 Koen, John L.
 Lange, Eugene A.
 Leonard, Alvin R.
 Markle, Harold W.
 Miller, Sidney A.
 Munn, Robert D.
 Pull, Carroll E.

**SQUADRON C
 GROUP IN**

FLIGHT TWO

Savage, Henry W.
 Spellman, William
 Wierzbna, Richard C.
 Abrahamson, Jack L.
 Abrams, Herbert C.
 Adams, Carl R.
 Adams, Edmund M.
 Akins, Woodrow W.
 Andrea, Arvid N.
 Angelides, Jerry N.
 Apers, Glen H.
 Arutz, Robert H.
 Arveson, Allan L.
 Bailey, Donald C.
 Bailey, Richard O.
 Baldwin, John W.
 Baldwin, Walter L.
 Bankson, Lewis M.
 Barger, Emmett W.
 Barry, Francis X.
 Bartlow, Donald A.
 Barton, Marshall M.
 Bassler, Kenneth R.
 Bateman, George T.
 Batley, Allen L.
 Bauer, William G.
 Baumelster, Gordon B.
 Beddow, Alexander E.
 Bennett, Robert A.



FLIGHT THREE

Benson, Clyde W.
Bergeson, Merrill H.
Bergstrom, Joseph R.
Berkson, Albert R.
Beltman, Henry R.
Betz, John A.
Biebski, Casimir
Bischoff, Donald E.
Bisler, William C.
Bittmann, Frederick R.
Bleichman, Markens
Block, Salomon
Bohn, Herman C.
Blumfeld, Jacob
Bolterud, Harold
Bolterud, Keith E.
Bosles, Christian
Brommer, Herbert L.
Brennecke, Allan E.
Bremig, Raymond W.
Brooks, Gayle O.
Brooks, John R.
Brown, Charles W.
Buckley, John R.
Bulls, Henry C.
Burr, Lewis J.
Burkleeu, Daniel P.



SQUADRON COMMANDER

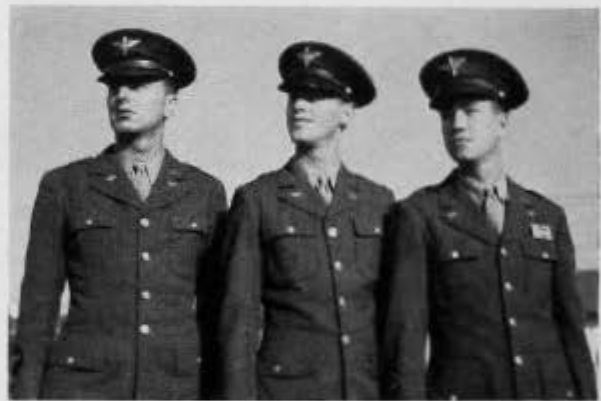
A/C V. I. Mann

SQUADRON ADJUTANT

A/C G. W. Buess

FIRST SERGEANT

A/C W. K. Imhoff



FLIGHT FOUR

Bernstein, S.
Buck, Herman J.
Bush, Cyril F.
Busse, Arthur W.
Byrne, Brendan T.
Cannon, Thomas P.
Callow, Wallace G.
Carr, David
Chatelain, Jack E.
Childers, Charles R.
Chumley, Joseph G.
Clark, Charles A.
Clark, Jay M.
Clark, Robert A.
Cleeland, John W.
Coburn, Harold
Coffman, Robert M.
Cohn, Benjamin J.
Coleman, Samuel D.
Collier, Richard T.
Conley, Ernest A.
Cooper, Bruce E.
Cory, William F.
Craig, Wade M.
Craven, William
Crick, Lawrence A.
Cros, William T.
Craja, Edward J.
Dabary, Elmer H.
Davidson, Melvin B.
Davis, Daryl W.
Davis, Dean A.



FLIGHT ONE

Daws, Joe T.
 Deane, Rupert J.
 Deitrich, Robert
 Deiner, Charles G.
 Depper, Paul W.
 Dever, Clifford A.
 Devine, George H.
 Diffendal, Joseph C.
 Dixon, Thomas H.
 Dowd, Edward J.
 Doyle, Charles W.
 Draeger, Raymond T.
 Drake, Reynolds
 Duffy, Joseph G.
 DuPuy, Joe L.
 Eakle, James G.
 Eaves, Ralph H.
 Eichler, William A.
 Eldrige, Jack F.
 Elias, Joseph J.
 English, Donald F.
 Erb, Clayton
 Ernst, Edward L.
 Ervin, Edward K.

**SQUADRON D
 GROUP IN**

FLIGHT TWO

Edes, George C., Jr.
 Fairbrother, Edward F.
 Fallon, John W.
 Feecey, Francis P.
 Feifer, Martin
 Feldman, Jerome O.
 Feldman, Raymond
 Fedlman, Robert
 Ferren, Asher
 Ferguson, Clinton T.
 Fernandez, Edward J.
 Fine, Paul B.
 Finkel, Lawrence
 Fischer, Morlon
 Fischer, Robert E.
 Fitch, John S.
 Fitzgerald, Edward T.
 Fitzgerald, Edwin F.
 Fogelberg, Tenny H.
 Folk, Drue W.
 Follers, Robert
 Fowler, Stanton M.
 Fox, Daniel W.
 Fox, Robert E.
 Frederick, Reed H.
 Freshbrough, William A.
 Fulmer, John L. R.



FLIGHT THREE

Gaffin, Morton
 Garner, James D.
 Gullowsky, Julius L.
 Gutsch, John G.
 Gueslin, Ralph L.
 Gendelman, Irwin
 Gibson, Burton E.
 Gintl, John F.
 Glaser, William F.
 Glushko, Wasil
 Glynn, Lawrence F.
 Gode, Orrin J., Jr.
 Gold, Jacob
 Goldberg, William A.
 Goldstein, Dorian M.
 Goldstein, Harvey R.
 Goldstein, William H.
 Gonda, John C., Jr.
 Gookin, Anell E.
 Goydan, John E.
 Grayson, Robert V.
 Gray, Herbert A., Jr.
 Graziani, William E.
 Grill, Joseph R.
 Gudgell, Paul W.
 Guying, Allen P.
 Haas, Warren F.



SQUADRON COMMANDER

A/C L. Henning

SQUADRON ADJUTANT

A/C W. Fair

FIRST SERGEANT

A/C R. I. Harris



FLIGHT FOUR

Hackenbruch, Gerald W.
 Hamill, Thomas C.
 Hansell, Elliott
 Hansen, Alfred
 Hargreaves, Arlin W.
 Harley, William L.
 Harris, Marion J.
 Harruff, George W.
 Hartley, Ray R.
 Harwood, Douglas, Jr.
 Hartley, Hubert M.
 Havenhill, Arthur E.
 Hawkins, Raymond M.
 Henton, Stanley A.
 Hechtman, Eugene E.
 Hegeler, Matthew J.
 Heimer, Milton
 Heins, Robert W.
 Henderson, Sherwood F.
 Hentges, Robert W.
 Hermann, Richard M.
 Hess, Philip O.
 Hessney, George E.
 Hibbard, Russell G.
 Hicks, Paul L.
 Hicks, Wendell F.



FLIGHT ONE

Hilaire, Vincent J.
 Hill, Marion H.
 Hitchcock, Kenneth F.
 Hochberg, Sidney S.
 Hoffman, Roy H.
 Hogan, John J.
 Holcombe, Charles F.
 Holloman, Harry L.
 Hoover, Donald R.
 Hosterman, Kenneth F.
 Hughes, Edward R.
 Hugins, Richard M.
 Hulse, Cecil M.
 Hunt, Roy J.
 Husted, Paul C.
 Hyde, James R.
 Hylton, Richard A.
 Hymn, Nathan W.
 Ikle, Charles D.
 Inman, Robert H.
 Ivey, Henry S.
 Jackson, Billie P.
 Jacobs, Leslie W.

**SQUADRON E
 GROUP IN**

FLIGHT TWO

Jacobsen, Ralph G.
 Johnson, Arden C.
 Johnson, Donald E.
 Johnston, Robert H.
 Jones, Frank M.
 Jones, Luther H.
 Jones, Owin T.
 Jones, William M.
 Jorgenson, Stanley R.
 Kampf, Irving
 Kanwisher, Norman W.
 Karp, Stanley J.
 Kassler, Joseph V.
 Karsten, Herbert C.
 Kasa, Oscar K.
 Kearney, Donald W.
 Keaton, Harold L.
 Keller, Gerhardt A.
 Kelly, Edward K.
 Kenna, James H.
 Kennett, Stanley C.
 Kenyon, William H.
 Kernan, Peter J.
 Kiser, Howard A.
 Martin, Thomas G.
 Meozzi, Walter G.
 Massoth, Warren K.



FLIGHT THREE

Knorr, John E.
Knowles, Clayton D.
Kokjohn, Alfred J.
Lackie, Frank W.
Lease, Charles A.
Lee, William D.
Leitch, Robert T.
Lemnabeyk, Clarence R.
Lenox, Richard M.
Lerstad, William H.
Leslie, William J.
Levine, David
Levinson, Gerald M.
Lewis, Howard L.
Lewis, Russell L.
Lichtenstein, Arthur G.
Lighthall, Robert L.
Limpach, William C.
Lipman, Jerome



SQUADRON COMMANDER

A/C J. S. Impert

SQUADRON ADJUTANT

A/C P. Janensch

FIRST SERGEANT

A/C B. C. Jones



FLIGHT FOUR

Locke, Elmer E.
Long, Frank W.
Longnecker, Elmer F.
Longshore, William H.
Lubin, Alvin
Lubinski, Raymond
McCann, George J.
McCarthy, Myles G.
McCarthy, Owen H.
McMahon, John M.
Madden, Thomas E.
Madill, Frank C.
Magouson, Arthur R.
Mairs, James D.
Margraf, Oscar F.
Marrin, Alexander
Marriotti, Kenneth
Mars, William A.
Mason, Robert D.
Mates, Stanley R.
Matby, George M.
Meade, John J.
Medney, Jerome
Melcher, John W.
Meltzer, Oscar



FLIGHT ONE

Menzel, Frederick A.
 Merrill, Fred L.
 Merrill, Forest A.
 Mickelson, Martin C.
 Miller, Douglas J.
 Mitchell, James H.
 Monk, Charles H.
 Morginofsky, Hyman
 Morris, Walter F.
 Mosher, Ralph S.
 Nadet, Elias J.
 Neidhardt, Richard O.
 Neuhl, Richard W.
 Olson, Wesley M.
 O'Shea, James F. A.
 Osinkowski, Walter
 Page, Fred L., Jr.
 Page, Jerome W.
 Painter, Leroy I.
 Panken, Horace J.
 Park, Robert S.
 Pearson, John I.
 Peters, Arthur T.
 Petrus, Thomas G.
 Phelps, Richard G.

**SQUADRON F
 GROUP IN**

FLIGHT TWO

Folboyce, Charles C.
 Folhard, Theodore E.
 Follock, William L.
 Poprawa, Thaddeus C.
 Quan, Walter
 Rainey, John L.
 Reagan, Duane E.
 Reed, James P.
 Reiss, Leonard J.
 Reitzhammer, Peniek R.
 Rhoadberg, William C.
 Ricard, Leon J.
 Rice, William C.
 Risley, Clifford J.
 Roberts, Richard W.
 Robertson, Philip H.
 Robson, Robert F., Jr.
 Roe, Robert F.
 Rothman, Henry H.
 Ryan, Edward M.
 Saadlin, Clayton R.
 Schreck, Stanley A.
 Scheps, Milton S.



FLIGHT THREE

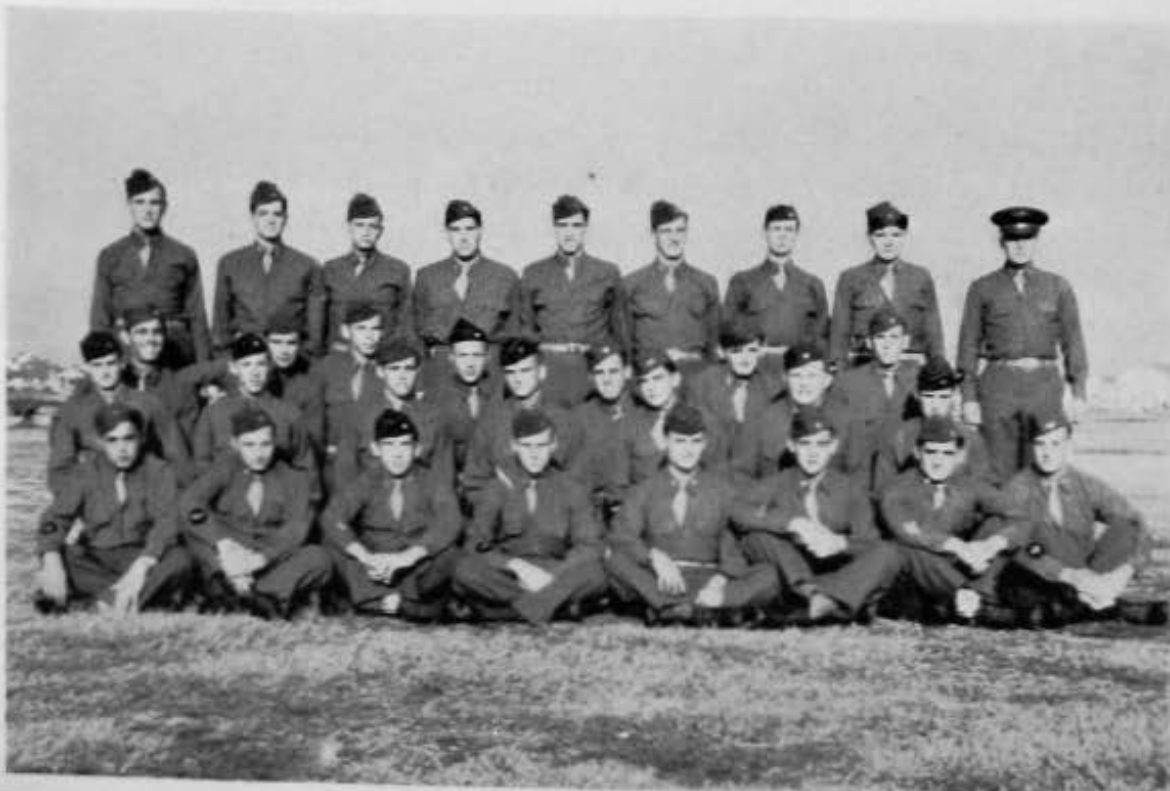
Scullary, Samuel H.
Seidell, Herbert D.
Sias, William M.
Skinner, Edmund F.
Skirvin, Melvin H.
Slavin, Norman
Sletten, John A.
Stohower, Ben
Smith, William H.
Smith, William H.
Snyder, Harold C.
Strachan, John W.
Sturm, Lawrence J.
Sullivan, Ernest H.
Swanberg, Carl G.
Talos, Donald E.
Trost, Walter A.
Truesdell, Donald C.
Tsang, Alfred K.
Turner, William E.
Tuttle, Roy E.
Vokaty, Norman J.
Volstad, Robert L.
Waul, George



SQUADRON COMMANDER
A/C M. R. Plunkett

SQUADRON ADJUTANT
A/C P. H. Smith

FIRST SERGEANT
A/C N. R. Saphos



FLIGHT FOUR

Wichal, Gerald J.
Wakefield, Harold R.
Walker, Spencer W.
Ward, Alvin J.
Warren, Frederic A.
Wattenburger, James L.
Webb, Thomas P.
Wegner, Walter L.
Weiss, James E.
Welch, John N.
Welch, Herman A.
Werling, William H.
West, Edward
Wexler, Sidney
Whitaker, Chesnut
White, Stanley E.
Wild, Wendell E.
Wilson, Gene D.
Wilson, James B.
Williams, Jack
Williams, Thomas L.
Wirschafter, Stanley
Wise, Jack V.
Worley, Leroy C.
Wright, William H.
Yagle, Gerald J.
Yorkgittis, Edward A.
Zeisler, Harold W.
Pieper, Ferd J.
Reid, Elwyn S.
Dughlano, John S.

**O
U
R
J
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B**



Aerial Navigation is an exact science, a science exact to the width of a pencil line; a science that carries bomber crews from a tiny speck of land in a vast ocean to another tiny speck of land thousands of miles away; a science that carries them to their objective directly and on time.

The studying and mastering of such a science is a difficult job. It requires intelligence, patience, understanding, and more. Once mastered, it will require, in combat, a consummate coolness and precision. Through enemy attack and adverse weather conditions the Navigator must do his work rapidly and without mistake. A Navigator's mistake can rarely be rectified; there must be none.

We're proud of our job. We're proud that with our knowledge, instruments and pencils we'll be able to guide our ships over miles of uncharted land and sea. We're proud that we are a vital and indispensable part, of the Air Crew. We'll practice our trade from Cairo to Chungking, from New York to Nuremberg, from wherever we plot our courses to wherever our course lines end.

Yes, we're proud of our job, and we'll do it, not just "to the best of our ability" or "almost right." We'll do our job with exactness and precision. There will be no mistakes. We'll guide the ships where they must go, and we'll bring them home again.





NAVIGATOR QUEEN

The Navigators of 44-1N proudly present their queen, Mrs. Charles Hamrick, Jr., of 407 Clearmont Drive, Birmingham, Alabama, the charming wife of our amiable Cadet Group Executive Officer. She is 21 years old, stands 5 feet 6 inches, has soft brown hair and brown eyes.

Now in Houston, she does secretarial work and finds relaxation in horseback riding, swimming, bowling and dancing.

PRINCESSES



Miss Ada Helen Bogin of Forest Hills, N. Y., graduate of Hunter College and now asst. dept. head at the Signal Corps Experimental Labs in New Jersey, is the comely Princess of A/C Leonard J. Reiss.



Mrs. Penick R. Reitzammer, of McGhee, Arkansas, is the wife and Princess of A/C P. R. Reitzammer. She now resides in Houston, where she does secretarial work. She enjoys swimming and dancing.



Miss Bobbie Bernice Levey, 670 Westminster Rd., N. Y., a striking blond photographers' model under contract with Conover agency is the Princess of A/C A. G. Lichtenstein—loves swimming, and horseback riding.

GROUP 44-1 NAVIGATORS

ALL PRESENT, SIR!

- ABRAHAMSON, JACK L., St. Paul, Minn., Student.
ABRAMS, HERBERT C., Detroit, Mich., Glider Pilot Instructor.
ADAMS, CARL R., Whitehall, Ind., Chemical Worker.
ADAMS, EDMUND M., Pasadena, Calif., Student.
AKINS, WOODROW W., Durango, Colo., Timekeeper.
ALEXANDER, PAUL B., Atlanta, Ga., Student.
ALLISON, CHARLES E., Concord, N. C., Engineer.
ANDREA, ARVID N., Wichita, Kans., Student.
ANGELIDES, JERRY S., San Francisco, Calif., Student.
APERS, GLENN B., Detroit, Mich., Bookbinder.
ARNTZ, ROBERT H., Mount Joy, Pa., Aircraft Mechanic.
BAHER, ROGER D., Peru, Ind., Ass't Manager.
BAILEY, DONALD C., Minneapolis, Minn., Bank Teller.
BAILEY, RICHARD O., Alexandria, S. D., Student.
BAITMAN, JACOB, Chicago, Ill., Student.
BALDWIN, JOHN W., Austin, Texas, Carpenter.
BALDWIN, WALTER L., Austin, Texas, Ass't Manager.
BALSAM, JEROME, Bronx, New York City, N. Y., Student.
BANKSON, LEWIS M., Big Spring, Texas, Arc Welder.
BARGER, EMMETT W., JR., Waynes, Va., Student.
BARNONOWITZ, ABRAHAM I., Brooklyn, N. Y., Student.
BARRY, FRANCIS X., Grand Cotau, La., Student.
BARTLOW, DONALD A., Cincinnati, Ohio, Student.
BARTON, MARSHALL M., Memphis, Tenn., Student.
BASSLER, KENNETH R., Milwaukee, Wis., Student.
BATEMAN, GEORGE T., Pasadena, Calif., Student.
BATLEY, ALLEN L., Jersey Shore, Pa., Shop Worker.
BAUER, WILLIAM G., Chicago, Ill., Cost Accountant.
BAUMEISTER, GORDON B., Park Ridge, Ill., Student.
BEDDOW, ALEXANDER, Birmingham, Ala., Student.
BENNETT, ROBERT A., Shelbyville, Ind., Student.
BENSON, CLYDE W., Monroe, La., Student.
BERGESON, MEARL H., Sioux City, Iowa, Student.
BERGSTROM, JOSEPH R., Foley, Minn., Bookkeeper.
BERKSON, ALBERT K., Chicago, Ill., Airplane Engine Inspector.
BETTMAN, HENRY R., Jacksonville, Fla., Student.
BETZ, JOHN A., Lykens, Pa., Student.
BIELSKI, CASIMER, Ambridge, Pa., Radio Announcer.
BISCHOFF, DONALD E., San Jose, Calif., Student.
BISTER, WILLIAM C., Jericho, Vt., Student.
BITTMAN, FREDERICK R., Tampa, Fla., Student.
BLACK, GERALD W., Laray, Va., Student.
BLACK, WILLIAM B., Laray, Va., Student.
BLECHMAN, MARCUS, Far Rockaway, N. Y., Crystal Finisher.
BLOCH, SOLOMON, Brooklyn, N. Y., Riveter.
BLOHM, HERMAN O., New York, N. Y., Draftsman.
BLOOMFIELD, JACOB, Chicago, Ill., Student.
BOLLAND, JOHN C., Maywood, Ill., Telephone Installer.
BOLLERUD, HOWARD, Milton Jet., Wis., Farmer-Student.
BOLLERUP, KEITH E., McCook, Nebr., Student.
BOSIES, CHRISTIAN, Baltimore, Md., Telephone Installer.
BRAMMER, HERBERT L., Dallas, Texas, Student.
BRENNENCKE, ALLAN E., St. Louis, Mo., Student.
BREUNIG, RAYMOND W., Louisville, Ky., Freight Clerk.
BREWSTER, RUSTIN A., San Francisco, Calif., Student-Life-guard.
BROOKE, GAYLE O., York, Nebr., Fingerprint Analyst.
BROOKS, JOHN R., Point Pleasant, W. Va., Time Supervisor.
BROWN, CHARLES W., San Francisco, Calif., Warehouseman.
BROWN, G. GARY, Huntington Park, Calif., Theater Manager.
BROWN, GEORGE B., Bristol, Pa., Chemical Operator.
BRUSS, ROBERT W., West Allis, Wis., Laboratory Technician.
BUCK, HERMAN J., Minneapolis, Minn., Brakeman and Timekeeper.
BUCKLEY, JOHN H., Pensacola, Fla., Student.
BUSS, GEORGE W., Chicago, Ill., Mechanical Engineer.
BULIS, HENRY C., JR., Denver, Colo., Student.
BUR, LOUIS J., Detroit, Mich., Aircraft Engine Test Operator.
BURKLECA, DANIEL P., Pittsburgh, Pa., Metallurgical Clerk.
BUSDICKER, ROGER H., Winona, Minn., Band Director.
BUSH, CYRIL E., Louisville, Ky.
BUSSE, ARTHUR W., Syracuse, N. Y., Purchasing Clerk.
BYRNE, BRENDAN T., West Orange, N. J., Student.
CALLAGHAN, JOSEPH F., Providence, R. I.
CALLOW, WALLACE G., Silverdale, Wash., Student.
CANNON, THOMAS P., St. Paul, Minn., Student.
CARR, DAVID, McKees Rocks, Pa., Student.
CHATELAIN, JACK E., Ogden, Utah, Student.
CHILDER, CHARLES R., Huntington, W. Va., Apprentice Machinist.
CHUMLEY, J. GALE, Oklahoma City, Okla., Civil Engineer.
CLARK, CHARLES A., Huntington, W. Va., Statistical Clerk.
CLARK, JAY M., Alhadena, Calif., Commercial Photographer.
CLARK, ROBERT A., Jonesboro, Ind., Student.
CLEELAND, JOHN W., Burbank, Calif., Glass Blower.
COBURN, HAROLD, Washington, D. C., U. S. Civil Service Examiner.
COFFMAN, ROBERT M., Kansas City, Mo., Student.
COHN, BENJAMIN J., Altoona, Pa., Student.
COLEMAN, SAMUEL D., Cambridge, Mass., Student.
COLLIER, RICHARD I., Abilene, Texas, Band Director.
CONLEY, ERNEST A., Lubbock, Texas, Student.
CONNELL, HUBERT B., Wilmington, Del., Locomotive Fireman.
COOPER, BRUCE E., Harrisburg, Pa., Student.
CORNELIUS, DAVID K., Spencerville, Ohio, Student.
CORY, WILLIAM F., Syracuse, N. Y., Paper Salesman.
CRAIG, WADE M., JR., Nashville, Tennessee, Student.
CRAVEN, WILLIAM, JR., Vineland, N. J., Laboratory Assistant.
CREPON, NORMAN R., Waterbury, Conn., Chemical Lab. Assistant.
CRICK, LAWRENCE A., Niagara Falls, N. Y., Student.
CHOW, WILLIAM T., Louisville, Ky., Grocery Clerk.
CZAJA, EDWARD J., North Adams, Mass., Transformer Assembler.
DABNEY, ELMER H., Seattle, Wash., Student.
DAVIDSON, MELVIN B., Greensburg, Pa., File Analyst.
DAVIS, DARYL W., Colorado Springs, Colo., Storekeeper.
DAVIS, DEAN A., Dubuque, Iowa, Student.
DAWS, JOSEPH T., Throckmorton, Texas, State Police.
DEESE, RUPERT J., LaVolla, Calif., Student.
DEGNAN, EDWARD, Philadelphia, Pa., Machinist.
DEINER, CHARLES, Erie, Pa., Truck Driver.
DEITRICH, ROBERT, Trenton, N. J., Clerk.
DENNAULT, ALFRED J., New Bedford, Mass., Student.
DEPPERT, PAUL W., Alert, Ind., Student.
DEVER, CLIFFORD A., Champaign, Ill., Metalsmith.
DEVINE, GEORGE, New Bedford, Mass., Mill Operator.
DIFFENDAL, JOSEPH C., Tucson, Ariz., Accountant.
DIXON, THOMAS R., Chicago, Ill., Industrial Engineer.
DORAN, ERWIN, Chicago, Ill., Student.
DOWD, EDWARD J., Louisville, Ky., Student.
DOWNING, BURLIN E., Indianapolis, Ind., Clerk.
DOYLE, CHARLES W., Fort Worth, Texas, Student.
DRAEGER, RAYMOND, Milwaukee, Wis., Student.
DRAKE, RAYNOLDS, Piandome Manor, N. Y., Student.
DRURY, HAROLD B., Athol, Mass., Turbine Gear Engineer.
DUFFY, JOSEPH, Lawrence, Mass., Student.
DUY PUY, JOE, Los Angeles, Calif., Cable Splicer.
EAKLE, JAMES G., Waynesboro, Va., Mechanic.
EARNEST, LOREN E., Nyssa, Ore., Carpenter.
EATON, CLYDE, Monrovia, Calif., Student.
EAVES, RALPH H., Chelsea, Mass., Chemist.
EICHLER, WILLIAM, Chicago, Ill., Lab. Worker.
ELDRIDGE, JACK, Salt Lake City, Utah, Mechanic.
ELHAI, ABRAHAM, Brooklyn, N. Y., Student.
ELIAS, JOSEPH J., Wheeling, W. Va., Steelworker.
ENGLISH, DONALD F., Philadelphia, Pa., Student.
ENGLISH, RALPH E., Chicago, Ill., Asbestos Worker.
ERR, CLAYTON, Cheltenham, Pa., Sheet Metallist.

★ NAVIGATORS *Continued*

ERLSON, DONALD, Spokane, Wash., Student.
 ERNST, EDWARD L., Reading, Pa., Draftsman.
 ERYN, EDWARD K., Tampa, Fla., Student.
 ESTES, GEORGE C., Waco, Texas, Student.
 FALLON, JOHN W., JR., Lawrence, Mass., Student.
 FAIR, WALTER, Philadelphia, Pa., Student.
 FAHNBROTHER, EDWARD F., Pasco, R. I., Student.
 FAULKNER, DONALD J., Moscow, Idaho, Student.
 FEENEY, FRANCIS P., Hartford, Conn., Cashier-Clerk.
 FELDMAN, JEROME O., Brooklyn, N. Y., Engineering Student.
 FELDMAN, RAYMOND, Detroit, Mich., Brick Layer.
 FELDMAN, ROBT., Newark, N. J., Welder.
 FEREN, ASHER, Cleveland, Ohio, Student.
 FERFER, MARTIN, Bronx, N. Y., Clerk.
 FERGUSON, CLINTON T., Ralls, Texas, Aircraft Worker.
 FERNANDEZ, EDWARD J., New York, N. Y., Student.
 FIERMAN, ARTHUR E., Philadelphia, Pa., Student.
 FINE, PAUL B., Minneapolis, Minn., Engineering Student.
 FINKEL, LAWRENCE, Brooklyn, N. Y., Pre-Med. Coll.
 FISCHER, MORTON, Bridgeport, Conn., Student.
 FISCHER, ROBERT E., St. Louis, Mo., Student.
 FITCH, JOHN, Wayzata, Minn., Student.
 FITZGERALD, EDWARD T., Brooklyn, N. Y., Clerk.
 FITZGERALD, EDWIN F., Winthrop, Mass., Aircraft Operator.
 FOLK, DRUE W., Berwick, Pa., Tank Factory Worker.
 FOLKERS, DOBT., Peoria, Ill., Coll. Student.
 FOWLER, STANTON M., Ina, Ill., Moulder.
 FOX, DANIEL W., Middleton, Pa., Student.
 FOX, ROBERT E., Lincoln, Nebr., Draftsman.
 FREEBOROUGH, WILLIAM A., Detroit, Mich., Draftsman.
 FREEMAN, HOLDS W., JR., Ann Arbor, Mich., Student.
 FREDERICK, REED H., Ephrata, Pa., Student.
 FREDERICKSON, ELMER H., Pasadena, Calif., Student.
 FRIEDMAN, CARL, Brooklyn, N. Y., Student.
 FULMER, JOHN L. R., Santa Cruz, Calif., Student.
 FUSILLO, MATTHEW H., Clifton, N. J., Lab. Technician.
 GAFFIN, M., Brooklyn, N. Y., Adv. Copywriter.
 GALINSKY, J. L., Hartford, Conn., Student.
 GARNER, J. D., Gainesville, Ga., Baker.
 GARVEY, R. J., Chicago, Ill., Student.
 GEESLIN, R. L., Hamilton, Texas, Student.
 GENDLEMAN, L., New York, N. Y., Student.
 GERN, J. W., Littleton, Colo., Teacher.
 GIBSON, B. E., Chicago, Ill., Student.
 GIULLI, J. F., Mobile, Ala., Shipwright Engineer.
 GLASE, W. F., Allentown, Pa., Expediting Agent.
 GLUSHKO, W., Simpson, Pa., Stock Selector.
 GLYNN, L. F., St. Louis, Mo., Student.
 GODE, O. J., Mavengo, Iowa, Woodworker.
 GOLD, J., New York, N. Y., Student.
 GOLDBERG, W. A., Minneapolis, Minn., Merchant.
 GOLDMAN, M. L., New York, N. Y., Manufacturer.
 GOLDSTEIN, D. M., New York, N. Y., Shipfitter.
 GOLDSTEIN, H. B., New York, N. Y., Actor.
 GOLDSTEIN, W. H., Chicago, Ill., Student.
 GONDA, J. C., JR., Waterman, Pa., Aircraft Eng. Mech.
 GOOKIN, A. E., Russel, Kans., U. S. Dept. of Agriculture.
 GOYDAN, J. E., Passaic, N. J., Accountant.
 GRAVROCK, R. V., Vermillion, S. Dak., Student.
 GRAY, H. A., Knoxville, Tenn., Student.
 GRAZIANI, W. E., San Francisco, Calif., Teacher.
 GRILL, J. R., Colorado Springs, Colo., Student.
 GROGAN, KENNETH F., Hartford, Conn., Advertising Clerk.
 GROSZ, R. W., Rapid City, S. D., Student.
 GUDGELL, P. W., Lexington, Ky., Engineer.
 GUNNING, W. R., JR., Baltimore, Md., Aviation Mechanic.
 GYVING, A. P., Chicago, Ill., Machinist.
 HAAS, WARREN F., Hebron, Ind., Student.
 HACKENBRUCH, GERALD W., Portland, Mich., Student.
 HALL, DON C., Vernal, Utah, Lumberjack and Sawyer.
 HALSEY, JAMES F., Texarkana, Texas, Civil Engineer.
 HAMILL, Thomas C., Huntington, W. Va., Coll. Student.
 HAMBICK, CHARLES M., JR., Birmingham, Ala., Merchant.
 HAND, JOSEPH C., Post Office Clerk.
 HANSELL, ELLIOT, Salem, Ohio, Coll. Student.
 HANSEN, ALFRED, San Francisco, Calif., Student.
 HANSEN, LEO, Edmore, Mich., Student.
 HARGREAVES, HARLIN W., Ukia, Calif., Immigrant Inspector.
 HARLEY, WILLIAM L., Custer, S. D., Student.
 HARRIS, MAIGON, Martins Ferry, Ohio, Student.
 HARRIS, RAY L., Los Angeles, Calif., Student.
 HARROUFF, KELLY F., Lawton, Okla., Student.
 HARRUFF, GEORGE W., Spokane, Wash., Student.
 HARTLEY, RAY R., Minneapolis, Minn., Student.
 HARWOOD, DOUGLAS, JR., Forest Hills, N. Y., Student.
 HATLEY, HUBERT M., Albemarle, N. C., Salesman.
 HAVENHILL, ARTHUR E., Chicago, Ill., Traffic Mgr.
 HAWKINS, RAYMOND, Hubbard, Texas, Lineman.
 HEATON, STANLEY A., Cincinnati, Ohio, Student.
 HECHLER, IRA S., Long Beach, L. I., U. S. Navy Commercial Accountant.
 HECHTMAN, EUGENE E., Chicago, Ill., Student.
 HEGERLE, MATTHEW J., San Diego, Calif., Student.
 HEIMER, MILTON, San Antonio, Texas, Mail Clerk.
 HEISS, ROBERT W., Platteville, Wis., Student.
 HENDERSON, SHERWOOD F., Bellingham, Wash., Student.
 HENNING, LAURENCE, Sugar Grove, Ill., Student.
 HENTGES, ROBERT W., Rochester, Minn., Glazier.
 HERMANN, RICHARD M., Oklahoma City, Okla., Student.
 HESS, PHILLIP O., Thief River Falls, Minn., Student.
 HESSNEY, GEORGE E., Manchester, N. Y., Clerk.
 HIBBARD, RUSSEL G., El Monte, Calif., Student.
 HICKS, PAUL L., Logan, W. Va., Student.
 HICKS, WENDELL F., Latimer, Iowa, Lathe Operator.
 HILAIRE, VINCENT J., Bethlehem, Pa., Student.
 HILL, MARION B., Burlington, Iowa, C. B. & R. R.
 HITCHCOCK, KENNETH F., Houston, Texas, Student.
 HOBAN, JOHN J., Holyoke, Mass., Student.
 HOCHBERG, SIDNEY S., Chicago, Ill., Student.
 HOCKER, JOHN B., Hummelstown, Pa., Student.
 HOFFMAN, CHARLES R., Lykens, Pa., Student.
 HOFFMAN, ROY H., San Francisco, Calif., Student.
 HOFMANN, RUDOLPH N., St. Cloud, Minn., Student.
 HOLCOMBE, CHARLES P., Atlanta, Ga., Student.
 HOLLOMAN, BARRY L., Macon, Ga., Bldg. & Housing Est.
 HOOVER, DONALD R., Logotee, Ill., Student.
 HOSTERMAN, KENNETH F., State College, Pa., Student.
 HOUCK, WILLIAM R., St. Louis, Mo., Hydraulic Press Operator.
 HUBBEL, WILLIAM F., Tulsa, Okla., Estimator.
 HUGHES, EDWARD H., Oaklyn, N. J., Expediter.
 HUGINS, RICHARD M., Littleton, Colo., Student.
 HURTALA, CHARLES W., Minneapolis, Minn., Student.
 HULSEY, CECIL M., Doe Run, Mo., Clerk.
 HUNT, ADELBERT B., Middletown, Conn., Clerk.
 HUNT, ROY J., Akron, Ohio, Aircraft Worker.
 HUNTER, MURRAY H., St. Paul, Minn., Student.
 HUSTED, PAUL C., Silver Springs, N. Y., Student.
 HYDE, JAMES R., Grand Rapids, Mich., Student.
 HYLTON, RICHARD A., Wichita, Kan., Student.
 HYMAN, NATHAN W., Marion, Pa., Student.
 IKLE, CHARLES D., Adrian, Mich., Student.
 IMHOFF, WILTON K., Watsonville, Calif., Power Plant Engineer.
 IMPERT, JOSEPH S., Poughkeepsie, N. Y., Instrument Assistant Instr.
 INMAN, ROBERT H., Coal City, Pa., Clerk.
 IVEY, HENRY N., Marianna, Fla., Supply Clerk.
 JACKSON, BILLIE P., Wilson, Okla., F. B. I.
 JACOBS, LESLIE W., Akron, Ohio, Mgr. of Stds. and Methods.
 JACOBSEN, RALPH G., Seattle, Wash., Mail Carrier.
 JANENSCH, PAUL, Chicago, Ill., Student.
 JARBOE, EVERETT E., Evansville, Ind., School Music Supr.
 JENKINS, MARSHALL D., Nashville, Tenn., Bookkeeper.
 JENSEN, LLOYD E., Council Bluffs, Iowa, Student.
 JOHNSON, ARDEN C., Mancelona, Mich., Draftsman.
 JOHNSON, DAVID G., Los Angeles, Calif., Construction Worker.
 JOHNSON, DONALD E., Makinen, Minn., Student.
 JOHNSTON, ROBERT H., Chester, W. Va., Mail Carrier.
 JOHDE, RAYMOND A., Grand Island, Nebr., Student.
 JOLIN, JEAN F., Sioux City, Iowa, Student.
 JONES, BRUCE C., Monrovia, Calif., Student.
 JONES, FRANK M., Montgomery, Ala., Student.
 JONES, LUTHER H., Idaho Falls, Idaho, Truck Driver.
 JONES, OWIN T., Detroit, Mich., Student.
 JONES, WILLIAM M., Dyersburg, Tenn., Student.
 JOHNSON, STANLEY R., Berkeley, Calif., Student.
 KAMPE, IRVING, Chicago, Ill., Student.

★ NAVIGATORS *Continued*

- KANWISHER, NORMAN W., New York, N. Y., Engineer.
 KARNS, JAMES L., Menomonie, Wis., Student.
 KARP, STANLEY J., Chicago, Ill., Engineer.
 KARSTEN, HERBERT G., Brooklyn, N. Y., Confectioner.
 KASA, OSCAR K., Nerstrand, Minn., Student.
 KASSLER, JOSEPH V., Elizabeth, Pa., Crane Operator.
 KATZ, DAVE D., Bronx, New York, Machinist.
 KEARNEY, DONALD W., Ida Grove, Iowa, Student.
 KEATON, HAROLD L., Bogalusa, La., Chemist.
 KELLER, GERHARDT A., Blue Earth, Minn., Student.
 KELLY, EDWARD K., Fonda, Iowa, Farmer.
 KENNA, JAMES B., Liberty, Miss., Student.
 KENNETT, STANLEY C., Colorado Springs, Colo., Civil Service.
 KENYON, WILLIAM R., Paterson, N. J., Precision Grinder.
 KERNAN, PETER J., South Orange, N. J., Student.
 KING, RALPH G., Seekonk, Mass., Apprentice Machinist.
 KISER, HOWARD A., San Antonio, Texas, Student.
 KLEIN, JAMES J., Milwaukee, Wis., Student.
 KNIPPLE, WILLIAM S., Artesia, Calif., Student.
 KNORR, JOHN E., Detroit, Mich., Student.
 KNOWLES, CLAYTON D., Denver, Colo., Student.
 KOKJOHN, ALFRED J., Ft. Madison, Iowa, Machinist.
 KOLBE, STANLEY E., Rhodes, Iowa, Machinist.
 KONIUSZY, EDWIN J., Joliet, Ill., Steelworker.
 KORN, JOHN L., Peoria, Ill., Stock Clerk.
 KOVAL, EDWARD J., Boston, Mass., Student.
 KRETZER, RALPH V., Cleveland, Ohio, Efficiency Man.
 KUHNS, WILLIAM G., Milwaukee, Wis., Student.
 LANGE, EUGENE A., Chicago, Ill., Student.
 LAPP, JACK A., Two Harbors, Minn., Student.
 LAPP, JACK A., University City, Mo., Advertising.
 LARKIN, JAMES C., St. Louis, Mo., Student.
 LAWSON, CALVIN C., Plainfield, N. J., Draftsman.
 LEASE, CHARLES A., Chicago, Ill., Student.
 LEE, RICHARD W., South Gate, Calif., Student.
 LEITCH, ROBERT T., Adams, Mass., Student.
 LEMANCZYK, CLARENCE B., Milwaukee, Wis., Student.
 LENOX, RICHARD M., Detroit, Mich., Student.
 LEONARD, ALVIN R., Kansas City, Kan., Geologist.
 LERSTAD, WILLIAM H., Brooklyn, N. Y., Machinist.
 LESLIE, WILLIAM J., Kenilworth, Ill., Engineer.
 LEVI, BURTON D., Chicago, Ill., Writer.
 LEVINE, DAVID, Metuchen, N. J., Manager.
 LEVINSON, GERALD M., Brooklyn, N. Y., Student.
 LEWIS, HOWARD L., Danvers, Mass., Student.
 LEWIS, RUSSELL L., Palatka, Fla., Student.
 LICHTENSTEIN, ARTHUR G., Brooklyn, N. Y., Lawyer.
 LIGHTHALL, ROBERT L., Clinton, Ill., Traffic Clerk.
 LIMPACH, WILLIAM C., Napoleon, Ohio, Student.
 LINCOLN, HOWARD C., Jackson, Mich., Student.
 LIPMAN, JEROME, Philadelphia, Pa., Student.
 LISIECKI, RICHARD L., Detroit, Mich., Student.
 LOCKE, ELMER E., Detroit, Mich., Student.
 LONG, FRANK W., Chicago, Ill., Engineer.
 LONGNECKER, ELMER F., East Lansing, Mich., Student.
 LONGSHORE, WILLIAM R., Chicago, Ill., Engineer.
 LUBIN, ALVIN, New York, N. Y., Student.
 LUBINSKI, RAYMOND, Detroit, Mich., Student.
 LUINE, VINCENT, Gowanda, N. Y., Armourer.
 McCANN, GEORGE J., Cicero, Ill., Sales Engineer.
 McCARTHY, MYLES G., Hartford, Conn., Expediter.
 McCARTHY, OWEN H., Kansas City, Mo., Student.
 McMAHON, JOHN M., St. Cloud, Minn., Nash-Finch Co.
 MACK, DEAN R., Winfield, Ill., Student.
 MADDEN, THOMAS E., Rochester, Mich., Student.
 MADILL, FRANK C., Ferndale, Mich., Student.
 MAGNUSON, ARTHUR R., Columbus, Ohio, Optometrist.
 MAIRS, JAMES D., Altamont, Kansas, Surveying.
 MANN, VIRGIL L., Madison, Wis., Ass't in Geology.
 MARGRAF, OSCAR E., Seattle, Wash., Placer Miner.
 MARBLE, HAROLD W., Rochester, N. Y., Machinist.
 MARIKA, ALEXANDER, New York, N. Y., Accountant.
 MARRIOTT, KENNETH, Plattsburg, N. Y., Student.
 MARS, WILLIAM A., Duluth, Minn., Student.
 MARTIN, THOMAS G., Chattanooga, Tenn., Student.
 MARX, EDMUND W., Connecticut, Student.
 MASON, ROBERT D., Cape Colo., Student.
 MASSEY, HAROLD B., Houston, Texas, Radio Communications.
 MASSOTH, WARREN K., Chicago, Ill., Engineer.
 MATES, STANLEY R., Pittsburgh, Pa., Student.
 MATHY, GEORGE M., Columbus, Ohio, Bank Teller.
 MEADE, JOHN H., Baltimore, Md., Tool Engineer.
 MECOZZI, WALTER G., Peru, Ill., Machinist.
 MEDNEY, JEROME, Brooklyn, N. Y., Student.
 MELCHER, JOHN W., West Allis, Wis., Student.
 MELTZER, OSCAR, Chicago, Ill., Student.
 MENZEL, FREDERICK ARTHUR, Dupree, S. D., Student.
 MERRILL, FOREST A., Hamden, Conn., Student.
 MERRILL, FRED LEON, Kansas City, Mo., Student.
 MEYER, DONALD R., North Haven, Conn., Student.
 MEXERINGH, CHRIS, New York, N. Y., Actor.
 MICKELSON, MARTIN CHRIS, Blaine, Wash., Student.
 MILLER, SIDNEY A., Fall River, Mass., Student.
 MILLIN, JOSEPH DOUGLAS, Chicago, Ill., Chem. Lab. Assistant.
 MITCHELL, JAMES ROBERT, Cottage Grove, Wis., Student.
 MONK, CHARLES ROBERT, Atlanta, Ga., Engineering Student and Draftsman.
 MORGINOFFSKY, HYMAN, Detroit, Mich., Chem. Lab. Asst.
 MORRIS, WALTER F., JR., Wellesly Hills, Mass., Student.
 MOSELEY, ANDREW BROWN, Macon, Ga., Salesman.
 MOSHER, RALPH S., Exeter, N. H., Machinist.
 MUNN, ROBERT D., Saranac Lake, N. Y., Student.
 NADEL, ELIAS J., New York, N. Y., Shipfitter.
 NEFF, DONALD L., York, Pa., Special Duty Clerk.
 NEIDHARDT, R. O., Hicksville, Ohio, Grocery Clerk.
 NEUZIL, RICHARD W., Berwyn, Ill., Factory Worker.
 OLDENBROOK, WILLIAM H., Wakefield, Mass., Toolsetter.
 OLSON, WESLEY M., Tomah, Wis., Aircraft Repairman.
 O'SHEA, JAMES FRANCIS ALOYSIOUS, New York, N. Y., Student.
 OZIMCOWSKI, WALTER, Dearborn, Mich., Salesman.
 PAGE, FRED L., JR., Port Orchard, Wash., Woodworker.
 PAGE, JEROME W., Adrian, Mich., Student.
 PAINTER, LEROY IVIN, Brush, Colo., Student.
 PANKEN, HORACE JAY, New York, N. Y., Student.
 PARK, ROBERT S., Portland, Oregon, Student.
 PEARSON, JOHN L., Glendale, Calif., Student.
 PETERS, ARTHUR T., Rumford, Maine, Student.
 PETRULAS, THOMAS GEORGE, Chicago, Ill., Student.
 PHELPS, RICHARD GILBERT, Hoxsie, R. I., Office Worker.
 PIEPER, FERD J., Granite City, Ill., Payroll Clerk.
 PIERCE, CHARLES W., Middlebury, Vt., Student.
 PIPKIN, LEONARD W., JR., Topeka, Kan., Student.
 PLUNKETT, MELVIN R., Dayton, Ohio, Student.
 POAGE, ROBERT G., Tampa, Fla., Student.
 PODOBOYEC, CHARLES C., Caspian, Mich., Iron Ore Miner.
 POLLARD, THEODORE EUGENE, Boone, Iowa, Engineering Student.
 POLLOCK, WILLIAM L., Seattle, Wash., Journalist.
 POPRAWA, THADDEUS CASIMER, Detroit, Mich., Aircraft Carburetor Worker.
 POWERS, MICHAEL S., Milford, N. Y., Lawyer.
 PUGLIANO, JOHN S., Turtle Creek, Pa., Shipper.
 PUTT, CARROLL E., Clymer, Pa., Chairman, Surveying.
 QUAN, WALTER, Los Angeles, Calif., Assistant Bookkeeper.
 RAINEY, JOHN L., Indianapolis, Ind., Student.
 RAINWATER, RICHARD LEE, Alamosa, Colo., Mechanic.
 REAGAN, DUANE W., Denver, Colo., Auditor.
 REED, ELWYN S., Forest Port, N. Y., Student.
 REED, JAMES BARTON, Danton, Ohio, Jr. Tool Engineer.
 REISS, LEONARD J., New York, N. Y., Advertising.
 REITZAMMER, PENICK RICHARDS, McGehee, Ark., Electrical Engineer Student.
 RHOMBERG, WILLIAM CHARLES, Dubuque, Iowa, Student.
 RICARDI, LEON JOSEPH, Natick, Mass., Musician & Shoe Factory Employee.
 RICE, WILLIAM C., Portsmouth, Va., Machinist.
 RISLEY, CLIFFORD, JR., Hartford City, Ind., Industrial Chemist.
 ROBERS, RICHARD W., Burlington, Wis., Student of Agriculture.
 ROBERTSON, PHILIP H., Aberdeen, S. D., Student.
 ROBSON, ROBERT F., JR., Galveston, Texas, Clerical.
 ROE, ROBERT F., Delawanna, N. J., Produced Water—Purification Units for the Army and Navy.
 ROTHMAN, HENRY H., Brooklyn, N. Y., Draftsman—Purchasing Agent.
 ROUGAS, THOMAS H., Fall River, Mass., Window Trimmer and Salesman.
 RUBENSTEIN, SAMUEL S., Brenham, Texas, Salesman.

★ NAVIGATORS *Continued*

- RUMMEL, HAROLD STANTON, Alliance, Ohio, Timekeeper—Cost Clerk.
- RYAN, EDWARD MARTIN, M., Lebanon, Pa., Engineering Student.
- SANDLIN, CLAYTON R., Scottsburg, Ind., Student.
- SAPHOS, NICHOLAS R. A., Pittsburgh, Pa., Petroleum Engineer Student.
- SAVAGE, HENRY W., Middleboro, Mass., Student.
- SCHENK, STANLEY A., New York, N. Y., Student.
- SCHEPS, MILTON S., Houston, Texas, Student.
- SCHERER, ROLAND DOUGLAS, Detroit, Mich., Aircraft Repairman.
- SCHROEDER, CHARLES B., Pittsburgh, Pa., Instrument Maker.
- SCULLARY, SALUEL R., Pittsfield, Mass., Spinner.
- SCZAWINSKI, RAYMOND, Terryville, Conn., Student.
- SEIDELL, HERBERT D., Capac, Mich., Student.
- SIAS, WILLIAM M., Minneapolis, Minn., Accountant.
- SKINNER, EDMUND P., Brockton, Mass., Apprentice Toolmaker.
- SKIRVIN, MELVIN R., Cincinnati, Ohio, Machinist.
- SKOTAK, Chester G., Dallas, Texas, Draftsman.
- SLAVIN, NORMAN, Brooklyn, N. Y., Machinist.
- SLETTEN, JOHN A., Minneapolis, Minn., Student.
- SLOTHOWER, BEN B., Colorado Springs, Colo., Student.
- SMITH, PAUL H., Winchester, Va., Draftsman.
- SMITH, WILLIAM R., Roslindale, Mass., Accountant.
- SNYDER, HAROLD C., Muncy, Pa., Aircraft Worker.
- SPELLMAN, WILLIAM G., Brooklyn, N. Y., Mech. Rigger.
- STOKES, JOSEPH C., Cambridge, Mass., Student.
- STRACHAN, JOHN W., Los Angeles, Calif., Student.
- STRAND, NORMAN S., International Falls, Minn., Miner.
- STRANGE, JAMES E., Shively, Ky., Electrician.
- STURM, LAWRENCE J., Kansas City, Mo., Aircraft Mechanic.
- SULLIVAN, ERNEST R., Baltimore, Md., Draftsman.
- SWANBERG, CARL G., Pomona, Calif., Student.
- TAKES, DONALD E., Rockwell City, Iowa, Student.
- TROMPSON, ORVILLE L., Decatur, Ill., Student.
- TOWNSEND, WILLIAM T., Schenectady, N. Y., Student.
- TROST, WALTER A., Detroit, Mich., Student.
- TRUEDELL, DONALD C., Kenosha, Wis.
- TSANG, ALFRED K., New York, N. Y., Student.
- TURNER, WILLIAM F., Portsmouth, Ohio, Cashier—Bookkeeper.
- TUTTLE, ROY E., Santa Rosa, Calif., Sheet Metal Journeyman.
- VAN HUISEN, RICHARD, Sandston, Va., Farmer.
- VOKATY, NORMAN J., Chicago, Ill., Toolmaker.
- VOLSTAD, ROBERT L., Indianapolis, Ind., Student.
- VOSEIPKA, GEORGE K., Cheyenne, Wyo., Train Dispatcher.
- WAAL, GEORGE, Stoughton, Mass., Shipping Clerk.
- WACHAL, GERALD J., Cedar Rapids, Iowa, Student.
- WAKEFIELD, HAROLD R., Seward, Pa., Student.
- WALKER, OVAL, JR., St. Louis, Mo., Pressman-Printer.
- WALKER, SPENCER W., New Berlin, Pa., Student.
- WARD, ALVIN J., Fillmore, N. Y., Student.
- WARREN, FREDERIC A., Waterflow, N. M., Farmer.
- WATTENBARGER, JAMES L., West Palm Beach, Fla., Student.
- WEBB, THOMAS F., Phoenixville, Pa., Grinder.
- WEGNER, WALTER L., Whittier, Calif., Student.
- WEISS, JAMES E., Allentown, Pa., Student.
- WEISS, JOHN N., Philadelphia, Pa., Student-Aviation.
- WELCH, HERMAN A., Holdenville, Okla., Postal Clerk.
- WELLMAN, CLARENCE L., Silverton, Ore., Student.
- WELSH, ROBERT J., Trafford, Pa., Commercial Artist.
- WERLING, WILLIAM H., JR., Detroit, Mich., Efficiency Expert.
- WEST, EDWARD, State College, Pa., Student.
- WEXLER, SIDNEY, Brooklyn, N. Y., Commercial Artist.
- WHITAKER, CHESNUT, Clinton, S. C., Student.
- WHITE, STANLEY K., Pattonville, Mo., Clerk.
- WIERTZBA, RICHARD C., Oroville, Calif., Acetylene Burner.
- WILD, WENDELL E., Syracuse, N. Y., Student.
- WILSON, GENE D., North Kenova, Ohio, Weather Observer.
- WILSON, JAMES R., Nacogdoches, Texas, Student.
- WILLIAMS, JACK, Palmerton, Pa., Metallurgist.
- WILLIAMS, THOMAS L., Mt. Carmel, Pa., Student.
- WIRTSCHAFTER, STANLEY, Philadelphia, Pa., Student.
- WISE, JACK V., Willard, Ohio, Machinist.
- WISEMAN, WILLIAM L., Omaha, Nebr., Student.
- WORLEY, LEROY C., JR., Haynesville, La., Engineer.
- WRIGHT, WILLIAM H., Chillicothe, Ohio, Student.
- YAGLE, GERALD J., Trenton, Mich., Lathe Operator.
- YORKGUTIS, EDWARD E., Pittsburgh, Pa., Student.
- YOUNG, ROBERT E., Monroe, La., Clerk.
- ZEISLER, HAROLD W., Kankakee, Ill., Steamfitter.

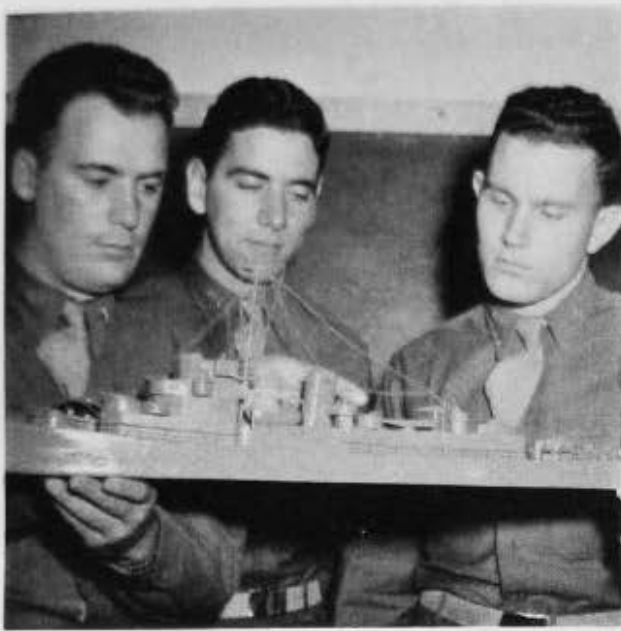


... ATTENTION TO ORDERS ...



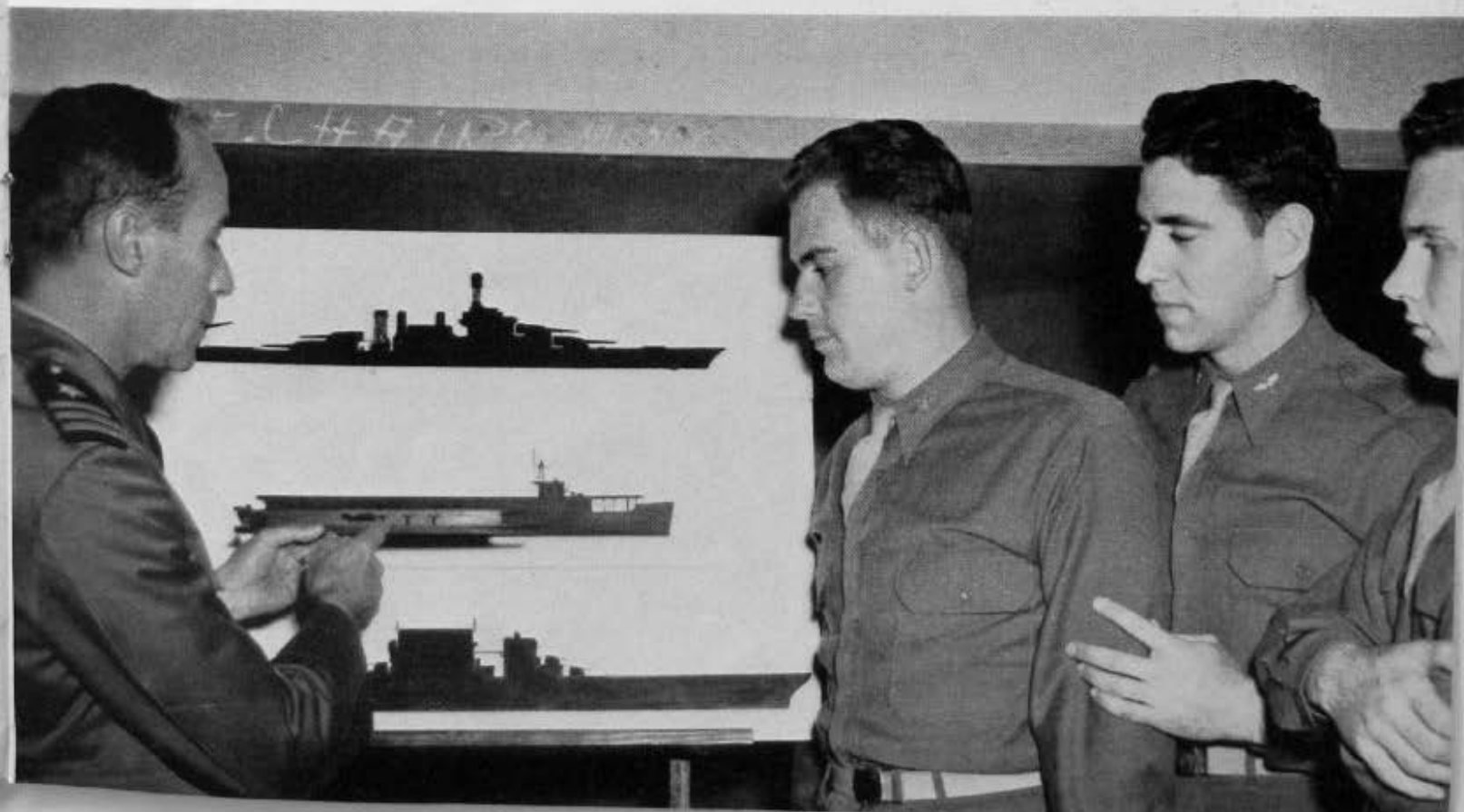
With the impressive ceremony of retreat, the working day of the soldier in training is generally thought to end. For that reason it is clothed in solemn dignity. Retreat is that formation of the day which is sure to bring to the mind of every man in the armed services a quiet consideration of what he is fighting for; with it comes renewed inspiration to perform his job to the very utmost of his ability.

As each man of Group 1 stands his last retreat at Ellington Field, he realizes how real and substantial is the value of his pre-flight training in playing a part in developing him as an officer and as a bombardier or navigator, and he looks forward to advanced schooling to complete that development. But most of all, he realizes his responsibility as a soldier to the Air Force and to his country. May the people of that country know he has accepted that responsibility.



In the skies over the world's battlefields and oceans the men of the Army Air Forces work in closest cooperation with the ships, planes and men of the United States Navy. An understanding of Naval organization, personnel, and equipment is therefore essential to each Navigator and Bombardier. Hours of study are devoted to giving the Cadet a comprehensive picture of our all-ocean Navy. Ships of the fleet must be recognized at a glance, as well as the ships of friendly and enemy powers, the armament and tactical purpose of each ship must be known, and the uniforms, as well as the jobs and problems of the personnel, must be studied. After completing this course, the Navigator or Bombardier is well acquainted with our fleet.

... NAVAL FORCES ...



... PREPARING FOR TROUBLE ...



The pistol is a powerful weapon if in the hands of a skillful user. Out on the range, the cadet acquires the necessary skill. He also learns to know its machinery and how to cure its ills.



The "Chicago Typewriter" has gone to war. A steady shoulder, gentle pressure on the trigger, and a stream of lead is released, writing a requiem for the object on the other side of the sights.



Experience is still the best teacher. Here one of the modern methods of spreading poison gasses is shown. From such demonstrations the cadet must learn to recognize the specific gas, defend himself against it, and possibly treat others who have succumbed to it.

. . . CLASSES . . .



Yes, Preflight is work!

Fighting battles in the air requires many skills; many of these elements are first met in our present training. Courses are given in aircraft recognition, in which the cadet becomes expert in recognizing in a tenth of a second flash, American, British, German and Japanese aircraft.

Maps and charts familiarize the embryo navigator or bombardier with the most important of his tools-to-be, as well as the interpretation of aerial photographs.

Simultaneously, communication is studied in the phase of auditory and visual code, and the student must attain a high degree of proficiency in this subject.

And in addition to these courses, the cadet learns small arms, ground forces, and chemical warfare, subjects which fit him for efficient action, be it on the ground or in the air.



SOUND HOFF!

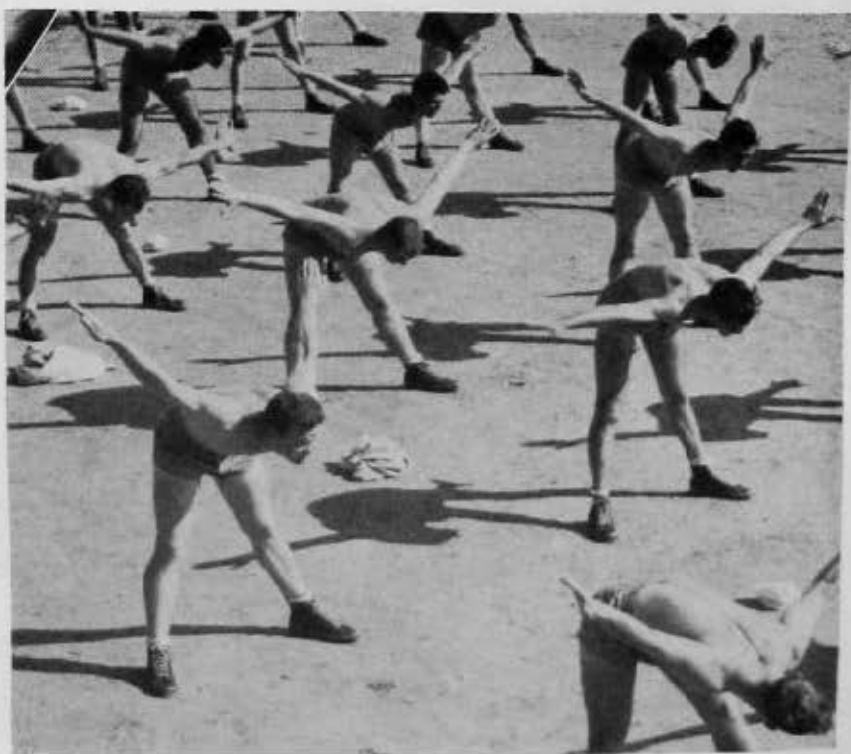
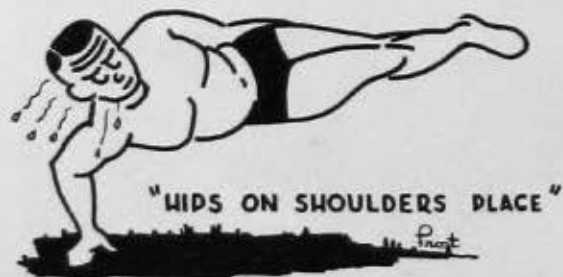


"Hextend to the lyeft, hoove! . . . First hexercise will be . . .

The second exercise will seem rougher than the first one, and the third, tougher than the second. It all seems pointless, every day the same old routine. Then one day you begin to realize that you aren't as tired as you were. Your arms aren't sore after those push-ups, and your legs not as weary after the cross-country run. You still gripe because today isn't "free-play," but you realize that you are just a little tougher than before.

The physical condition of our aircrews must be just as perfect as the condition of the planes they fly. Physical fitness is essential to the successful completion of a mission. The athletic instructors know it, and you know it.

It was with this fact in mind that the training program of caustnenics, cross-country runs, sprints, and competitive sports has been worked out to such a balanced degree. There is a definite point to "P.T." The Air Force Training Command knows it, and Mister, you know it too.



WE EAT . . .



Capt. C. W. Seivers

The mess hall—one of the most important items on the cadet's daily agenda . . . here the best soldiers are fed the best food in the world.



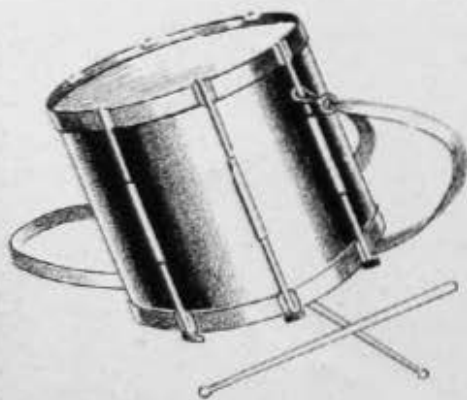
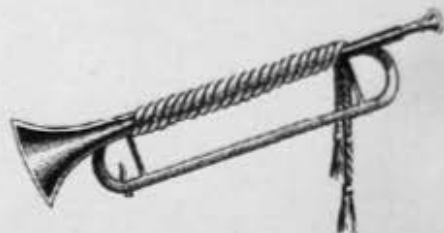
Capt. W. R. Murray

Although ripe olives and three desserts are gone for the duration, the regular excellence of menus leaves little room for complaint. A typical breakfast might include fruit, cold or hot cereal, eggs (as you like them), bacon or ham, toast, jelly, milk or coffee. Lunch and dinner will measure up to these standards.

Add to this attractively prepared serving tables, spotlessly cleaned trays, snow-white tablecloths and napkins, and you have an idea why the cadets are always eager around mess time. Much of this can be attributed to Captains Seivers and Murray and staffs, for their excellent handling of cadet mess.



PREFLIGHT DRUM AND BUGLE CORPS . . .



The Ellington Field Preflight Drum and Bugle Corps is considered to be the largest Aviation Cadet band in this country. The corps, under the direction of Lt. J. R. Perkins and Lt. R. E. McGrath, boasts of thirty-six base and snare drums, whose cadence can be heard from one end of the post to the other. Approximately a hundred buglers supply the harmony for the contingent's repertoire of marches, anthems, and occasional "jive" numbers. Several glockenspiels round out the corps' instruments and add a pleasing twinkle to the "song in the air."



Never a Dull Moment . . .

Selected as typical examples of cadet life, these scenes ably illustrate and testify to the fact that Preflight training means a busy day . . . every day.

Upper right—Concentration and effort are required to master the dots and dashes.

Upper left—Squadron Period finds the cadets seeking a few moments of relaxation and refreshment at the PX.

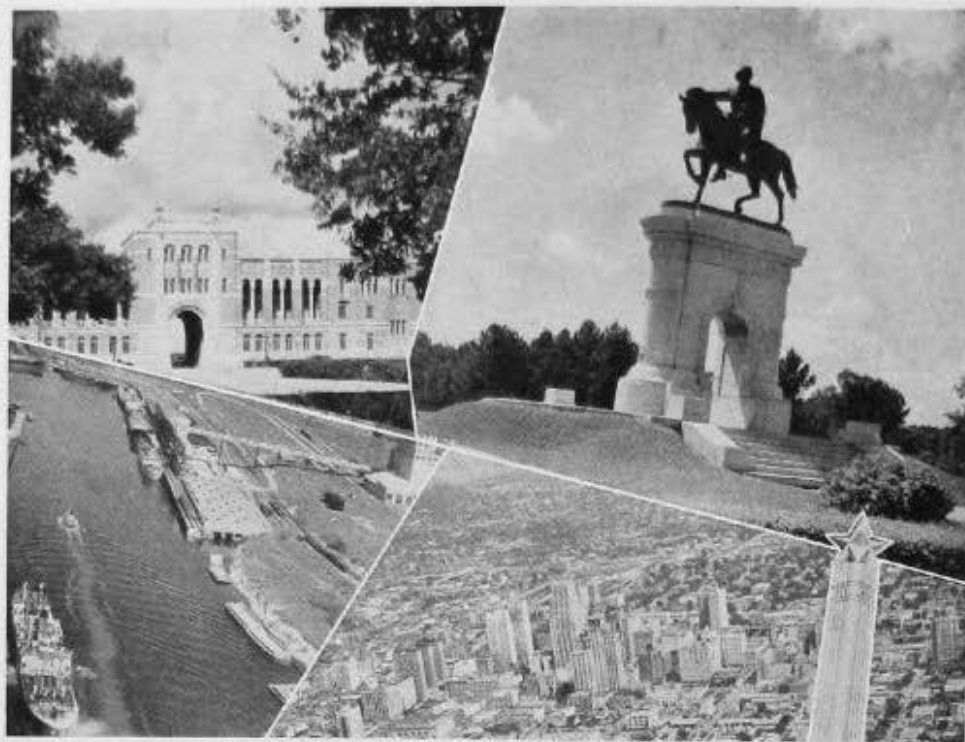
Left—The most popular item in our life . . . a letter from home.

Lower left—Saturday means Open Post but it also brings inspections.

Below—Friday nights are always reserved for the G. I. parties. All are invited.



. . . OPEN POST . . .

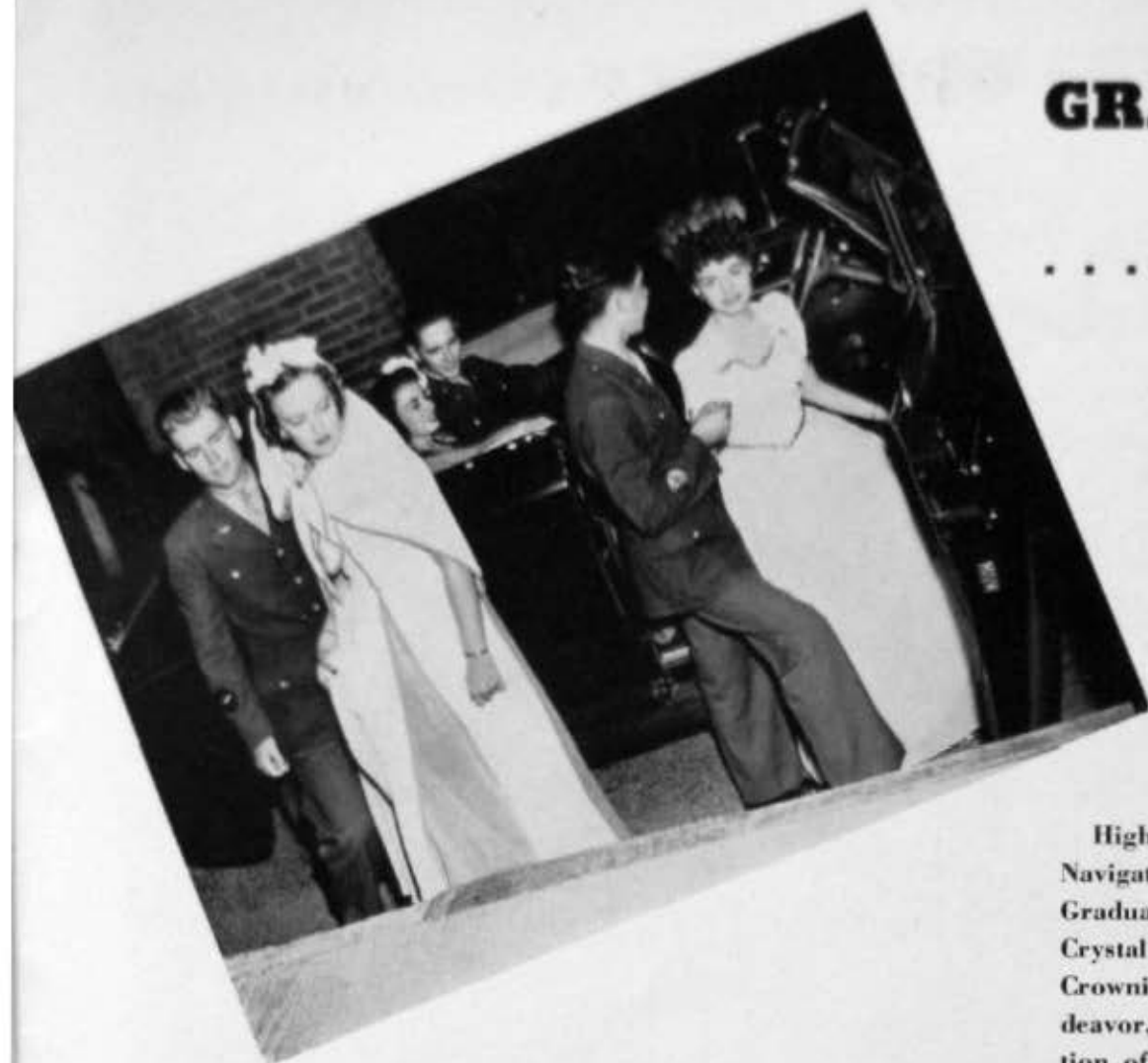


After a week of "blood, sweat and tears," the week-end means open post and open post means Houston. Houston has always greeted the Cadets with open arms and a cordiality that all the boys will remember long years after they have left. On airfields all over the world, when the time has come for a little "hangar flying," the Navigators and Bombardiers of Ellington Field will have many a tale to spin of a real "Cadet town."



GRADUATION BALL

. . . the final step



Our photographer records the different phases of a very enjoyable evening.

Highlight of the Bombardier and Navigator cadet's social life is the Graduation Ball held at the splendid Crystal Ballroom of the Rice Hotel. Crowning nine weeks of strenuous endeavor, the dance attracts the attention of cadets for weeks in advance. To us it means a lovely lady and music, the scent of flowers and perfume, the excitement of a carefree evening. A gay and colorful affair, the dance remains one of our most pleasant memories.



Presenting—**HEATH CLIFFE**—the "Cream of the Crop"



But he has a lovely personality



A new course record!



We must have reached the bottom of the barrel

CADET OFFICERS—GROUP 3N



GROUP COMMANDER
S. S. Rubenstein



GROUP ADJUTANT
L. E. Earnest



SQUADRON COMMANDER, J. C. Stokes, SQUADRON ADJUTANT, G. R. Brown, SQUADRON FIRST SERGEANT, H. B. Massey, FLIGHT LIEUTENANTS, E. J. Degnan, P. B. Alexander, M. S. Goldman, W. M. Craig.

In the Preflight military system, upperclass cadets are selected to serve as cadet officers of each new class for a time. These men are chosen on the basis of military background and aptitude for handling men. They are in command of the new flights through the first three weeks and are able to ascertain, through close observation, those cadets whose military excellence merits selection as officers of their own squadrons.



SQUADRON COMMANDER, H. H. Hunter, SQUADRON ADJUTANT, R. E. Dosigo, SQUADRON FIRST SERGEANT, L. J. Heckler, FLIGHT LIEUTENANTS, A. B. Hunt, D. C. Neff, S. C. Kolbe, R. E. Young.



Group Executive Officer
J. R. Strange

CADET OFFICERS—GROUP 3B

At the time we became middleclassmen, certain members of 44-1, who had shown evidence of their capabilities, were selected as our student officers.

These cadets acted as our officers during the three weeks we were middleclassmen, and proved their ability to lead and direct groups of men. After six weeks at preflight, we were finally upperclassmen. At this time, a new group of men, class 44-3B, arrived. These underclassmen had no cadet officers of their own.

The cadets whose pictures appear on this page are those officers of our middleclass days who became the group and squadron officers of the new underclassmen.



GROUP COMMANDER, V. Baccanelli; GROUP ADJUTANT, N. Edwards.



SQUADRON COMMANDER, D. P. Morgan; SQUADRON ADJUTANT, B. E. Myers.



SQUADRON COMMANDER, F. L. Herrmann; SQUADRON ADJUTANT, R. Evans.



SQUADRON COMMANDER, J. V. Breighner; SQUADRON ADJUTANT, J. Heller.



FLIGHT LIEUTENANTS, M. B. Campbell, E. J. Roach, C. E. Maynard, J. F. Marchbank.



FLIGHT LIEUTENANTS, J. R. Hale, K. A. Johnson, J. E. Smeal, S. C. Garro, J. Dulglish.



BOMBARDERS

MATH
MATH
MATH

Miss Jones

PHYSICS

PHYSICS

PHYSICS



11/11/44 ...

BY ORDER OF . . .



Capt. Arthur A. Cadorette, assistant commandant of cadets of the bombardier wing, entered the Army in 1932. As a first sergeant in the artillery, he learned much about men and much about the Army. Now he is busily engaged in passing his knowledge on to future officers. He was a member of the gallant force at Schofield Barracks on that eventful December 7. His energy is now devoted to training bombardiers to avenge Pearl Harbor.

An Open Letter.
Members of Group 1B.

What does Preflight Training mean to an Aviation Cadet?

It means that for perhaps the first time in his life he has been introduced to one of the greatest bodies of fighting men, the American Army; has become an integral part of that army and has been given this opportunity of becoming one of its best members. Here he has been indoctrinated in the technique that will be necessary to help him through Advanced School, here he is taught the basic requirements of a good soldier and a future Officer, is taught the principles on which our Army is built, is taught honesty and devotion to duty, is given responsibilities, causing him to think for himself and to realize that as an individual it is his duty to his country and fellow men to work for the good of the many, and not for himself.

As he approaches graduation, do these things enter his mind? Has he taken every opportunity to learn all he has been taught?

Mister, if you have fully realized just what Preflight School means, and if you have done everything possible to grasp all that has been taught you, then all of us here, charged with making, first a soldier, then a member of an Air Crew of you, feel that once again our enemies will realize the full meaning of the word Democracy, and feel that when Victory is won, that you, Mister, as an individual will be a better citizen and will help carry the torch of truth, life, liberty and the pursuit of happiness, to the generations which will follow you.

ARTHUR A. CADORETTE
Capt., Air Corps
Ass't Commandant of Cadets
Bombardier Wing



BOMBARDIER WING HEADQUARTERS

Lt. Eugene W. Schmidt, Administrative Officer, is responsible for the administration of the Bombardier Wing. A native of Van Wert, Ohio, Lt. Schmidt entered the Air Forces in May, 1942, at Keesler Field. In September he was transferred to the Air Forces Officer Candidate School at Miami Beach, Florida. Upon completion of his course there, he came to Ellington Field as a Tactical Officer. In March, 1943, he became Administrative Officer, supervising the detailed operation of the Bombardier Wing.



GROUP OFFICERS



TO THE MEMBERS OF GROUP 44-1B:

The Tactical Officers of this group were very happy to have had you in our command. You have been extremely cooperative and you will continue such in order to bring the victorious ending of this war.

We are confident that you will be successful in all undertakings. We wish you the best of luck.

Francis X. Mancuso
1st Lt., A. C.
Group Commander,
Tactical Officer, Sqdn. E.

Floyd B. Sparks
2nd Lt., A. C.
Tactical Officer, Sqdn. D

Charles W. Ridenour
2nd Lt., A. C.
Tactical Officer, Sqdn. C

Howard Rasmussen
2nd Lt., A. C.
Tactical Officer, Sqdn. F



Wing Commander W. E. Grandt
Wing Adjutant J. R. Leonasio



Group Commander J. Ligashesky
Group Adjutant G. H. Bevington
Group Supply Sergeant E. P. Preston

OUR PROGRAM

We came to Preflight School nine weeks ago with our heads high and our hearts proud. We are leaving with this pride in ourselves and our Corps even greater. Through the efforts of our instructors, we are able to take with us an increased comprehension of the highly technical subjects which are vital to the success of an aerial mission. These subjects, carefully chosen and balanced, have been combined with military training and physical training to make up the program we know as Preflight.

During our first three weeks, we had mathematics, physics, code, and aircraft identification. After an intensive study of these courses, math gave way to maps and charts and physics was replaced by naval forces. Toward the end of our stay, we studied ground forces and their relation to the Air Forces. And we had chemical warfare, small arms, and first aid.

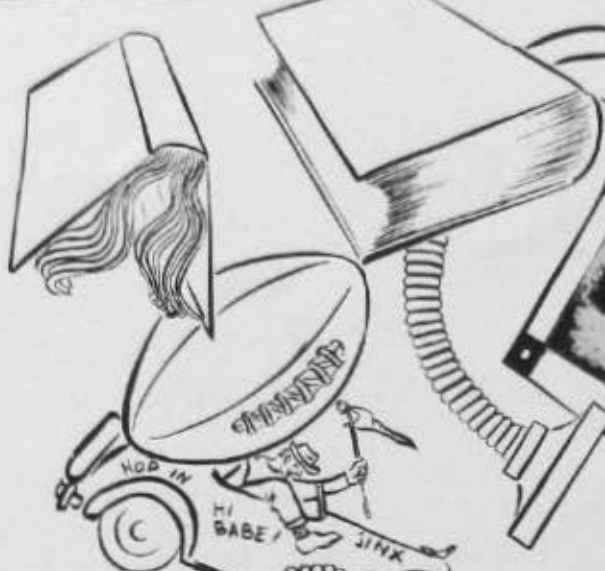
As these classes progressed, so did our military training. We found our days of drill, physical training, and classes very crowded. After a round of studies in the evenings, we were glad to go to bed.

With the aid of Lt. T. Z. Wright, our liaison officer, who is the link between academics and military training, we have obtained the basic knowledge needed as we become Bombardiers and officers in the Army Air Forces.

STATE UNIV

#God #Jesus
#Our #Home

INDUCTION
CENTER



HERALD
WAR!



GI



FURLOUGHS



$Q = m \cdot S$



RADIO SECTION
DOAKES, JOE

- LET AKQP
- 83452 POMSN
- YACOB QMHTV
- HVNTN ALUYT
- 12345 30867
- TZCDE NUBAT
- PRXUT FHJK
- POASU QKVSP
- YTUIS LGTAB
- XPV5Q YPXUA
- PUY2T
- RCEGN GHTSV
- TQSUS PUMKZ
- 2PABC 24901
- BVSTV 2REGN
- 21462
- LILYG
- ROSYL
- LVNOA
- XYWDE 54809
- UXV 31325
- NLCI



Certified
Disability
Discharge

USC

Fly the Wild Blue Yonder

BEA CADET

EDUCATION
TRAVEL
LEARN TO FLY

PREFLIGHT SCHOOL
BOMBARDIER
U S ARMY AIR CORPS
ELLINGTON FIELD, TEXAS

Dear Folks,
Everything fine.
Boy-were they rough with us
how swell -- but oh go
mn Texas weather!
take me back to good ol'
Taking new subjects -
off identification, phy
nath, etc.
Send \$-



CHINESE DUCK



PASS
3-DAYS



MP

DELINQUENCY REPORT
NAME GRADY, T.S.
RACE I E C

Sleeping after
reville.

11/9/43
C. S. Fank
C. S. L. 808



LANGST PROJECT



FLIGHT ONE

- First row**
 McElmon, Foster S.
 Brodeur, Raymond A.
 Anderson, Roland S.
 Bach, John E.
 Macdulin, Robert S.
 Gehring, Joseph F., Jr.
 Fisher, M. I.
- Second row**
 Dahl, Richard L.
 Grezzo, Anthony D.
 Lens, George
 Frey, Charles F.
 Johnson, Gilbert E.
 Jarvis, Richard E.
 Askew, Marcus E.
- Third row**
 Armilage, Leo H.
 Harting, John D.
 Meyer, Robert J.
 Kammer, Edward
 Lammerding, Charles G.
 Imacson, Arnold G.
 Jones, Norman M.



SQUADRON C

TACTICAL OFFICER

Lt. Charles W. Ridenour

FLIGHT TWO

- First row**
 Vernon, Leroy T., Jr.
 Miller, Raymond E.
 Smith, Russell E.
 Alper, Abe
 Morris, Duane
 Oliveto, Tony J.
 Sondergroth, James E.
- Second row**
 Nokes, Winfred H.
 Anderson, Vaughn
 Askew, Robert S.
 Adams, Earl W.
 Baker, Arthur S.
 Addison, Stephen O.
- Third row**
 Nell, Jack E.
 Schultz, Raymond G.
 Sanderson, Warren J.
 Austin, Arnold D.
 Archambault, A. M.
 Ambrose, Edward F.
- Fourth row**
 Buhler, John
 Mortenson, Robert J.
 Baer, Fred O. E.
 Sedlock, Paul J.
 Pope, Norman M.
 Stark, Ernst W.
 Sweet, Eldon W.
 Anderson, Douglas W.



FLIGHT THREE

First row
 Diner, William B.
 Haltzer, Leonard A.
 Haurhann, David C.
 Borgholthaus, Don
 Benedict, Walter L.
 Barger, Donald T.
 Blankenship, Robert H.

Second row
 Borden, Thomas W.
 Bezeroff, Warren E.
 Blake, Ernest L., Jr.
 Bogrow, Morris
 Blevins, Jack E.
 Beard, William J.

Third row
 Bollier, George H.
 Blaha, John J.
 Barker, William G.
 Blackett, Hill, Jr.
 Baldwin, Alfred J.
 Boss, Robert M.

Fourth row
 Beeris, John N.
 Blakeman, Earle C., Jr.
 Bell, Cecil D.
 Benham, Robert L.
 Baxmann, Lyle C.
 Barrett-Smith, Howard F.
 Behrents, Paul W.



SQUADRON COMMANDER

A/C R. A. Hennessey

SQUADRON ADJUTANT

A/C R. C. Baker

FIRST SERGEANT

A/C C. G. Lammerding



FLIGHT FOUR

First row
 Colborn, Victor D., Jr.
 Bradley, William F.
 Brinkmeier, Harold A.
 Bateman, K. J.
 Cheek, Ernest M., Jr.
 Casans, Jesse
 Brockett, Wendell G.

Second row
 Ibrahim, Joseph
 Caselli, John D.
 Cassuto, Leo D.
 Clements, Leonard A.
 Carlson, Bruce, Jr.
 Carmody, William F.

Third row
 Chwastyk, Adolph M.
 Chaplin, Robert L.
 Cohen, Donald A.
 Broitman, Robert C.
 Cawley, Paul T.
 Budnick, John P.
 Carlo, Donald B.

Fourth row
 Carter, Harry R.
 Burns, Joseph E.
 Cies, John F.
 Clarke, Wallace B.
 Calhoun, Walter S.
 Crem, Robert M.
 Coburn, Richard B.



FLIGHT ONE

First row
 Doucette, Richard L.
 Douglass, Gerald T.
 Drake, Logan G.
 Cooper, Howard W.
 Douglas, Galend E.
 Crotts, Marshall W.
 Devlin, Robert D.

Second row
 Desjardins, Roland A.
 Davis, Wilbur C., Jr.
 Dobkin, Joseph
 Collins, William W.
 Collins, George F.

Third row
 Dwen, James G., Jr.
 Crawford, Donald H.
 Dombi, Charles G.
 Dostater, Harold E.
 Diehm, Joseph E.
 D'Andrea, Gilbert V.

Fourth row
 Dudley, Charles F.
 Dutcher, Charles M.
 Daiger, Frederick S., III
 Dukes, Harold
 Draper, Joseph W., Jr.
 Duphinee, John F.
 Dalrymple, Melvin D.



SQUADRON D

TACTICAL OFFICER

Lt. Floyd B. Sparks

FLIGHT TWO

First row
 Eisler, Paul E., Jr.
 Frank, James M.
 Gibson, Lloyd E.
 Glawe, Charles H.
 Fessenden, Omer A.
 Fallon, Eugene C.
 Gingerich, Edward

Second row
 Gibson, Edward J.
 Forquites, Wilfred B.
 Forster, William T.
 Fossen, Carl F.
 Falk, Abraham
 Geist, George A.
 Faurie, Richard
 Flesher, Robert A.

Third row
 Fields, Quentin
 First, Frederick B.
 Estle, Robert C.
 Estes, Donald C.
 Eggelroad, William R.
 Engle, John S.
 Gallant, Donald L.



FLIGHT THREE

First row
Gulesian, Barney
Hartnett, John L.
Gromacki, Raymond J.
Henegar, William R., Jr.
Hamrick, Truett J.
Greenstein, Albert H.
Hatfield, Erskine H.

Second row
Graczyk, Steve W.
Hamborsky, Rudolph J.
Graham, James Roland
Headstrom, William F.
Gray, Jack C.
Griffard, Robert M.
Harrison, Wylie S.

Third row
Hayman, Keith L.
Greter, James C.
Grigg, John J.
Gulbranson, Norman G.
Heacock, Robert D.
Hanzook, Joseph J.

Fourth row
Helm, Charles E.
Gresham, Robert H.
Gradjan, John
Griffee, Gordon D.
Gleason, Martin J.
Heidmou, Walter S.
Gosling, Paul W.



SQUADRON COMMANDER

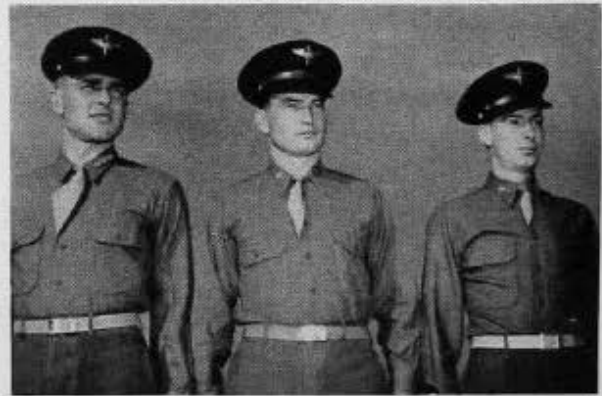
A/C A. H. Crawford

SQUADRON ADJUTANT

A/C H. G. King

FIRST SERGEANT

A/C R. N. Dorg



FLIGHT FOUR

First row
Kline, William S.
Ireland, Thomas S., Jr.
Knies, Alfred T., Jr.
Kenyon, Ralph S.
Huffaker, James A.
Kaske, William E.

Second row
Horne, Clyde J.
Kleiber, William A.
Jackson, John J.
Hughes, Robert M.
Hilovsky, Henry J.
Jacoby, Clarence C.

Third row
Hipschen, Raymond E.
Jordan, Lloyd C.
Kincaid, Gerald E.
Jacobson, Jerrald E.
Junkhan, Edward D.
Irons, Allen W.

Fourth row
Hirshfield, Robert L.
Jacks, Robert W.
Kalousdian, William J.
Jensen, Norman W.
Jacyna, Edward J.
Howard, Bert D.
Jillson, Edwin T.



FLIGHT ONE

- First row**
 McMakin, Robert M.
 Lilly, James J.
 McLellan, Byron S.
 Loechlee, Ralph C.
 LaGrotta, John
 McFain, William E.
Second row
 Mahoney, George W. A.
 Lehmkuhl, Donald J.
 Lyons, Calvin
 Linville, Joseph D.
 McConnell, Thomas P.
Third row
 Licker, Morris
 Lander, David M.
 Levine, Aaron
 Kohler, Frank A.
 Kozsey, Elmer J.
 McAuric, James J.
Fourth row
 McGraw, Max H.
 Lund, James A.
 McElhose, Richard A.
 Linder, Ralph W.
 Ligashesky, John, Jr.
 Long, Lloyd I.



SQUADRON E

TACTICAL OFFICER

Lt. Francis X. Mancuso

FLIGHT TWO

- First row**
 Meyerhoven, Melvin L.
 Mann, Samuel H.
 Miska, Manny M.
 Maker, Jack E.
 Morgan, Raymond J.
 Moreau, Arthur J.
 Manfredi, Joseph A.
Second row
 Morris, Carson J.
 Murphy, John E.
 Merritt, Fred T.
 Markham, John F.
 Marks, Jack K.
 Morbeto, Anthony C.
 Morneau, Napoleon A., Jr.
Third row
 Mueck, Walter A.
 Nagel, Marvin E.
 Moskowitz, Joseph A.
 Monroe, Richard H.
 Meier, Edward G.
 Mattoon, Raymond J.
 Moore, Charles E.
Fourth row
 Martin, Edward V.
 Mollner, Merton R.
 Moore, Earl H.
 Merien, Bruce G.
 Moffett, William H., Jr.
 Mataya, Charles
 Mathena, Edward H.



FLIGHT THREE

First row
Poissant, John W.
Natale, Joseph A.
Oddi, Michael J.
Olsen, Emil M.
Ondeck, John J.
Owen, John
Piersol, James, Jr.
Second row
Pacejka, Louis
Pannretos, Theodore P.
Nense, Hal C., Jr.
Pepon, Harry C.
Nigra, Albert G.
Pispeky, John M.
Third row
Perry, Anthony
Peden, George H.
O'Brien, Raymond F.
Nathan, Jay
Nickerson, Alvin G.
Newell, Elwin C.
Pettie, Orville C.
Fourth row
Neff, Burton G.
Parsons, Therau D.
Pike, Billie L.
Poer, Norman T.
Oskowicz, Anthony J.
Pinkerton, David W.
Oliver, Jack H.
Pincus, Irving



SQUADRON COMMANDER

A/C E. S. Kozsey

SQUADRON ADJUTANT

A/C N. Polsky

FIRST SERGEANT

A/C L. N. Ridge



FLIGHT FOUR

First row
Ritchie, Robert C.
Reid, Wallace R., Jr.
Riley, Vaughn E.
Pollard, Billie F.
Polsky, Nathan
Reuter, Frank P.
Second row
Robitaille, Robert J.
Power, George A.
Rhody, Clarence H.
Porter, John D.
Pospisil, Leonard A.
Renzhausen, Earl F.
Third row
Roth, Reuben L.
Ramsey, Robert K.
Purdum, Charles H.
Rudolph, Charles J.
Rynn, R. E.
Forten, Eugene, Jr.
Fourth row
Ridge, Laverne D.
Riorden, Herbert W., Jr.
Powers, Francis H.
Rooney, Robert P.
Rein, Clarence E.
Robison, Gerald A.
Rascane, Kenneth A.
Rodriguez, Raymond H.



FLIGHT ONE

- First row
 Settle, Edmund C.
 Schott, Robert J.
 Slaughter, Tommy M.
 Sites, John C.
 Silba, Eugene F.
 Shaffer, Delbert S.
 Silva, Vincent
- Second row
 Taylor, F. M.
 Smith, Donald J.
 Siano, Leland E.
 Sennon, Ernest F.
 Schmalz, Joseph W.
 Sebastian, Donald W.
- Third row
 Shields, Joseph E., Jr.
 Santiago, Juan F.
 Shively, Thomas F.
 Rust, William H.
 Silva, John W.
 Savule, Jack
- Fourth row
 Sage, Lloyd G.
 Shimkus, Theodore E.
 Smilowitz, Murray
 Shepherd, Gordon L.
 Sep, Thomas J.



SQUADRON F

TACTICAL OFFICER

Lt. Howard Rasmussen

FLIGHT TWO

- First row
 Stovall, Virgil H.
 Smith, Homer R.
 Sterrett, William M.
 Snouffer, Gloyce B.
 Smith, Robert L.
 Smith, Rowland K.
- Second row
 Street, Shirley L., Jr.
 Stahl, Melvin E.
 Sowers, Earl S.
 Suttles, Charles S.
 Stevens, Eldon L.
 Stange, Raymond P.
- Third row
 Sonderson, John W.
 Snook, Jay K.
 Stanley, Rex C.
 Stedman, Robert L.
 Swarene, Hubert D.
 Stuyvenberg, Donald J.
 Stickney, George J.
- Fourth row
 Taylor, John E.
 Solakiewicz, John C.
 Taylor, Edward R.
 Sugarman, Bernard
 Stoner, Howard R.
 Stokols, Raymond
 Solma, Mannel
 Smith, Willard B.



FLIGHT THREE

First row
Van Brocklin, Gilbert
R., Jr.
Trivillino, Nicholas C.
Valyn, Vincent J.
Voss, Maurice R.
Trymbulak, Walter A.

Second row
Walsh, Thomas J.
Walker, Curtis P.
Tapp, Richard S.
Vinci, William F.
Toney, Otto L., Jr.
Tudd, Arthur H.

Third row
Walmsley, William K.
Thomas, Walter A., Jr.
Tyer, S. L., Jr.
Thorpe, Gordon C.
Titus, Thomas W.
Tharber, Avon E.

Fourth row
Thomas, Lyle
Turner, Jerome H.
Yestel, Bernard W.
Turner, William E.
Thompson, Ralph H.
Walker, Robert L.



SQUADRON COMMANDER

A/C R. G. Schmidt

SQUADRON ADJUTANT

A/C J. C. Walshe

FIRST SERGEANT

A/C H. R. Stoner



FLIGHT FOUR

First row
Whitley, James H.
Whitmer, Donald, Jr.
Yockey, George E.
Weissman, Paul W.
Wullich, Stanley T., Jr.
Yowler, Richard T.

Second row
Wheeler, Thomas A.
Wells, H.
Wilensky, Alvin
Wojciechowski, Gerald C.
Whyland, Richard E.
Westfall, Clarence W.
Wheeler, Vernon E.

Third row
Yatchman, Michael E.
Welsted, Gerald E.
Wagers, Clarence H.
Wisser, George R.
Wilson, Paul S.
Wengert, Glenn R.
Willey, John F.

Fourth row
Wencel, Stephen F.
Watters, Sidney A.
Zeno, Forrest S.
Wier, Chester J.
Wollschlager, Joseph A.
Waxsonar, Frank



Hail to the Queen—beauty supreme.

She is Miss Edna Fay Ball of Houston, residing at 4134 Polk Street.

Miss Ball is a graduate of the University of Texas, where she completed a four-year course in business administration. Since her graduation in 1940 she has been employed as an accountant for the Humble Oil & Refining Company.

As the reigning beauty queen of the Bombardiers of Class 44-1, she will be escorted by Aviation Cadet Gerald C. Wojciechowski.

Our congratulations to Miss Ball as the chosen Queen of the Bombardiers!

BOMBARDIER QUEEN

and the PRINCESSES ROYAL

Miss Beverly Kalinsky of Rochester, New York, is one of the favorites of the 44-1B class. Her photograph was submitted by A/C Morton W. Kuznitsky. Miss Kalinsky is an excellent singer of both semi-classical and popular music and she is a dancing enthusiast.

Another Bombardier favorite is Miss Gloria Lindquist of Portland, Oregon, an 18-year-old freshman of Oregon State. She is a member of Delta Phi Gamma. Five feet seven inches tall, she weighs 115 pounds. Her photograph was submitted by A/C John W. Sunderen.



GROUP 1B BOMBARDIERS

Reporting for Duty, Sir!

ACKERMAN, RICHARD S., Chicago, Illinois, Northwestern University.
ADAMS, EARL W., Gordon, Texas, Univ. of Texas.
ADDISON, STEPHEN O., Rossville, Georgia, Designer of Textiles.
ALPER, ABE, Chicago, Ill., Auditor.
AMBROSE, EDWARD F., Pittsburgh, Pa., Steel Casting Inspector.
ANDERSON, DOUGLAS W., Pasadena, Calif., Aircraft Inspector.
ANDERSON, ROLAND S., Concord, N. H., Shoe Dept. Manager.
ANDERSON, VAUGHN R., South Pottstown, Pa., Structural Draughtsman.
ARCHAMBAULT, ARMAND A., West Warwick, R. I., Driver-Salesman.
ARMITAGE, LEO H., Wellesley Hills, Mass., Manager.
ASKEW, MARCUS E., Hopewell, Va., Clerk.
ASKEW, ROBERT N., Cincinnati, Ohio, Student.
AUSTIN, ARNOLD D., Tekamah, Neb., Farmer.
BACH, JOHN E., Goshen, N. Y., Student.
BADAMI, FRANK W., Saddle River Twp., N. J., Aircraft Mechanic.
BAER, FRED O. E., Springfield, Ohio, Machinist.
BAGBY, ARTHUR P., Portsmouth, Ohio, Machinist.
BAHLER, JOHN, Anderson, Ind., Casting Inspector.
BAKER, ARTHUR S., Elizabethtown, N. Y., Student.
BAKER, R. C., Washingtonville, Ohio, Kent Univ.
BALDWIN, A. J., Litchfield, Conn., Brown Univ.
BALTZER, L. A., Chicago, Ill., Aircraft Riveter.
BARGER, D. T., Detroit, Mich., Precision Tool Grinder.
BARKER, W. G., Peoria, Ill., Dance Band - Machinist.
BARRETT-SMITH, H. F., Chicago, Ill., Film Laboratory Technician.
BATEMAN, KENNETH J., Lansing, Mich., Auto Mechanic.
BAUER, W. B., Washington, D. C., High School Student.
BAURHENN, D. C., Detroit, Mich., Tool Grinder.
BAWMANN, L. C., Bartlett, Ill., Mail Clerk and Musician.
BEARD, W. J., Wadsworth, Ohio, Student.
BECKROFT, W. E., Blaine, Wash., Western Wash. College.
BEHRENTS, P. W., Three Rivers, Mich., St. Olaf College.
BELL, C. D., Lowell, N. C., Shipping Clerk.
BENEDICT, W. L., Detroit, Mich., Process Chemist.
BENHAM, R. L., River Rouge, Mich., Metallurgical Observer.
BENZ, J. J., Cincinnati, Ohio, Student.
BEVINGTON, GEORGE H., Dayton, Ohio, Government Employee.
BLACKETT, H., Winnetka, Ill., Student.
BLAHA, J. J., Downers Grove, Ill., Student.
BLAKE, E. L., Springfield, Mass., Electrical Tester.
BLAKEMAN, E. C., Pelham Manor, N. Y., Cornell Univ.
BLANKENSHIP, R. H., Milan, Tenn., Tool Maker.
BLEVINS, J. E., Lawrence, Kansas, Student.
BOERIS, J. N., Glastonburg, Conn., Contract Analyst.
BOGROW, M., Detroit, Mich., Clerk-Typist.
BOLLIER, G. H., Springhill, La., Paper Mill Worker.
BOOK, W. E., Grove City, Pa., Building Contractor.
BORDEN, T. W., Mobile, Ala., Univ. of Alabama.
BORGHOLTHAUS, D., Payette Idaho, Service Attendant.
BOSS, E. M., Detroit, Mich., Clerk.
BRACEY, THOMAS S., Reading, Pa., Pharmacist.
BRADLEY, WILLIAM F., Buffalo, N. Y., Roofing Contractor.
BRAHAM, JOSEPH M., Vernon, N. Y., Instrument Mechanic.
BREAKER, EDGAR P., Houston, Texas, Architect.
BREIGNER, JESSE V., York, Pa., Machinist.
BRETTEL, ROBERT E., Terre Haute, Ind., Chemist.
BRINKMEIER, HAROLD A., Freeport, Ill., Explosives Operator.
BROCKETT, WENDELL G., Joliet, Ill., Bank Messenger.
BRODEUR, RAYMOND A., Worcester, Mass., Tool Maker.
BROTTSMAN, ROBERT C., Elgin, Ill., Student, Teacher of Music.
BUDNICK, JOHN P., Minersville, Pa., Tapper Operator.
BURNETTE, GEORGE G., Beckley, W. Va., Student.
BURNS, JOSEPH E., Yonkers, N. Y., Student.
CABOON, WAYNE B., Lakewood, Ohio, Student.
CALHOUN, WALTER S., Andrews, N. C., Tack Welder.
CAMPBELL, MALCOLM B., Alameda, Calif., Purchasing Agent.
CAREY, ESMOND S., Baker, Montana, Student.
CARLO, DONALD R., El Wayne, Ind., Motor Instructor.
CARLSON, BRUCE, JR., Americus, Kansas, Grain Dealer.
CARMODY, WILLIAM F., Portland, Oregon, Student.
CARTER, HARRY R., Westbrook, Conn., Lumber Salesman.
CASAEUS, JESSE, Albuquerque, N. M., Engineering Aide.
CASSELL, JOHN D., Marseilles, Ill., Timekeeper.

CASSUTO, LEO D., Chicago, Ill., Mechanic.
CAWLEY, PAUL T., Trinidad, Colo., Student.
CHAPLIN, ROBERT L., Joplin, Mo., Student.
CHIEK, ERNEST M., Burlington, N. C., Bookkeeper.
CHWASTYK, ADOLPH M., Skillman, N. J., Student.
CLARKE, LARRY, Cleveland, Ohio, Precision Inspector.
CLEM, ROBERT, Hobart, Ind., Steel Gager.
CLEMENTS, LEONARD A., Bridgeport, Conn., Bookkeeper.
CLOSE, JOHN F., St. Louis, Mo., Student-Photographer.
COBURN, RICHARD K., Pueblo, Colo., Student.
COHEN, DONALD, Forest Hills, N. Y., Student.
COLBORN, VICTOR D., New Smyrna Beach Fla., Student.
COLLIN, WILLIAM W., Sewickley, Pa., Student.
COLLINS, GEORGE F., Worcester, Mass., Government Employee.
COOPER, HOWARD W., Maplewood, N. J., Bookkeeper.
CRAWFORD, ALLEN H., Detroit, Mich., Student.
CRAWFORD, DONALD H., Government Employee.
CROTTS, MARSHALL W., Wichita, Kansas, Student.
DAHL, RICHARD L., Maywood, Ill., Advertising.
DAIGER, FREDERICK S., Palo Alto, Calif., Chief Announcer.
DALGLEISH, JOSEPH, Philadelphia, Pa., Aircraft Inspector.
DALRYMPLE, MELVIN D., Pittsburgh, Pa., Special Engineer.
D'ANDREA, GILBERT V., Philadelphia, Pa., Control Supervisor.
DAUPHINEE, JOHN F., Dorchester, Mass., Machine Operator.
DAVIS, WILBUR, JR., Kremlin, Okla., Bookkeeper.
DeFRAZIO, MICHAEL A., Detroit, Mich., Inspector.
DELESSIO, PATSY, JR., Houston, Texas, Machinist.
DESJARDINS, ROLAND A., New Bedford, Mass., Machinist.
DEVLIN, ROBERT D., Gillespie, Ill., Student.
DIEHM, JOSEPH E., Youngstown, Ohio, Chemical Operator.
DOBKIN, JOSEPH, Detroit, Mich., Metal Inspector.
DOIG, ROBERT N., Chicago, Ill., Student.
DOMBI, CHARLES G., Cleveland, Ohio, Machinist.
DOUCETTE, RICHARD L., Reading, Mass., Student.
DOUGLAS, GALEND L., Santa Rosa, Calif., Bottler.
DOUGLASS, GERALD G., Stowe, Vt., Student.
DOXTATER, HAROLD E., Rochester, N. Y., Payroll Clerk.
DRAKE, LOGAN G., Columbia, S. C., Florist.
DRAPER, JOSEPH W., San Antonio, Texas, Aircraft Mechanic.
DUDLEY, CHARLES F., Washington, D. C., Student.
DUKES, HAROLD, Bridgeport, Ohio, Florist.
DUTCHER, CHARLES M., Iowa City, Iowa, Student.
DWEN, JAMES G., Tulsa, Okla., Student.
EDWARDS, NORMAN, Dover, N. J., Apprentice Lineman.
EISELER, ROBERT C., Jamaica, Long Island, Fordham Univ.
ELSNER, PAUL E., JR., New York City, Musician.
ELSER, FRANK H., Lafayette, Ind., Metal Inspector.
ENGLE, JOHN S., Morgantown, W. Va., Student.
ESKZ, DONALD D., Columbus, Ohio, Clerk.
ESTES, DONALD C., Evansville, Ind., Draftsman.
EVANS, CHARLES F., Sedalia, Mo., Salesman.
EYGOBROAD, WILLIAM R., St. Charles, Ill., Univ. of Ill.
FALK, ABRAHAM, New York City, Office Manager.
FALLON, EUGENE C., Detroit, Mich., Accountant.
FAURIE, RICHARD, Gonzales, Texas, Driller.
FEAGIN, LAURENCE E., Hendersonville, N. C., Alabama Polytechnic.
FESSENDEN, OMER, San Antonio, Texas, Constructor.
FIELDS, QUENTIN, Loat Creek, Ky., School Teacher.
FIRST, FREDERICK B., Topeka, Kansas, Washburn College.
FISHER, ALBERT, Lakewood, Ohio, Student.
FISHER, MORTON I., Denver, Colo., Student.
FISHER, SEYMORE, New York City, N. Y., Fordham Univ.
FLESHER, ROBERT A., Bedford, Ohio, Personnel Manager.
FORGUTES, WILFRED B., Braudon, Vt., Student.
FORSTER, WILLIAM T., Minneapolis, Minn., Machinist.
FORSEN, CARL F., Chicago, Ill., Machinist.
FRANK, JAMES M., Zanesville, Ohio, Student.
FRY, CHARLES F., Carrollton, Ill., Student.
GALLANT, DONALD L., Saginaw, Mich., Clerk.
GARRO, SALVATORE C., White Plains, N. Y., Letter Carrier.
GEHRING, JOSEPH F., New Haven, Conn., Railroad Conductor.
GEIST, GEORGE A., Quakertown, Pa., Salesman.
GELLER, NORMAN S., Chicago, Ill., Student.
GENEROS, ARTHUR G., East Hartford, Conn., Distributor.
GIBSON, LLOYD E., Pryor, Okla., Oklahoma A. & M.
GILSON, EDWARD J., Glenmont, N. Y., Yale Univ.
GINGERICH, EDWARD, Turrer, Mich., Aircraft Mechanic.
GITTELMAN, AARON, New York City, N. Y., New York University.

★ BOMBARDIERS *Continued*

- GLAWE, CHARLES R., Wilkes-Barre, Pa., Student.
GLEASON, MARTIN J., New York City, N. Y., Merchant Seaman.
GOLD, LEONARD, Hartford, Conn., Stenographer.
GOSLING, PAUL W., Minneapolis, Minn., Industrial Manager.
GRACZYK, STEVE W., Rahway, N. J., Machinist.
GRADLIAN, JOHN, Milwaukee, Wis., Wireman.
GRAHAM, JAMES ROLAND, El Dorado, Ark., Aircraft Mechanic.
GRANDT, WARREN E., Chicago, Ill., Student.
GRATER, JAMES C., Greflon, Ohio, Aircraft Rigger.
GRAY, JACK C., Cincinnati, Ohio, Student.
GREENSTEIN, ALBERT H., Chicago, Ill., Interior Decorator.
GRESHAM, ROBERT H., Lakewood, Ohio, Student.
GRIFFARD, ROBERT M., Kansas City, Mo., Clerk.
GRIFFEE, GORDON D., Nashville, Tenn., Auditor.
GRIFFIN, HAYDEN P., Kansas City, Mo., Raitroad Clerk.
GRIGG, JOHN J., Washington, D. C., Music Teacher.
GROMACKI, RAYMOND J., Milwaukee, Wis., Music Teacher.
GULBRANSON, NORMAN G., Sioux Falls, South Dakota, Carpenter.
GULEZIAN, BARKEY, Haverhill, Mass., Manager.
HALE, JAMES R., Grand Haven, Mich., Student.
HAMBOHSKY, RUDOLPH J., Youngstown, Ohio, Student.
HAMRICK, TRUETT J., Colorado City, Texas, Farmer and Rancher.
HANZOOK, JOSEPH J., Brooklyn, Maryland, Apprentice Electrician.
HARRISON, WYLIE S., Greenville, Texas, Student.
HARTING, JOHN D., Vincennes, Ind., Salesman.
HARTNETT, JOHN L., Los Angeles, Calif., Student.
HATFIELD, ERSKINE H., Washington, D. C., Accountant.
HAYMAN, KEITH L., Berwick, Pa., Drill Press Operator.
HAYS, JAMES L., Jr., Seminole, Okla., Student.
HEACOCK, ROBERT D., Omaha, Nebr., Statistician.
HEADSTREAM, WILLIAM F., Salado, Ark., Theater Manager.
HEIDMOUS, WALTER N., Detroit, Mich., Plant Inspector.
HELLER, JULIUS, Brooklyn, N. Y., Art Director.
HELM, CHARLES E., Peru, Ind., Student.
HENEGAR, WILLIAM B., JR., St. Paul, Va., Electrician.
HENNESSEY, ROBERT, Chicago, Ill., Meat Supplier.
HERRMANN, FREDERICK L., Long Island, New York, Salesman.
HIGBEE, WILLIAM, JR., Long Island, N. Y., Student.
HIGHT, BASIL D., Birmingham, Ala., Salesman.
HILOVSKY, HENRY J., Arnold, Pa., Student.
HIPSCHEM, RAYMOND L., Bellevue, Iowa, Student.
HIRSHFIELD, ROBERT L., New York City, N. Y., Student.
HORNE, CLYDE J., Cambridge, Mass., Bank Teller.
HOWARD, BERT D., Wichita, Kansas, Aircraft Worker.
HUFFAKER, JAMES A., Wilson, Okla., F. B. I. Employee.
HUGHES, ROBERT M., Franklin, Pa., Student.
IRELAND, OWEN V., Middletown, Ohio, Analyst.
IRELAND, THOMAS S., JR., Detroit, Mich., Student.
IRONS, ALLAN W., Oaklyn, N. J., Student.
ISAACSON, ARNOLD J., Jamestown, N. Y., Machinist.
JACKS, ROBERT W., San Francisco, Calif., Government Employee.
JACKSON, JOHN J., Highland Park, N. J., Toolmaker.
JACOBSON, JERROLD E., Cedar Falls, Iowa, Student.
JACOBY, CLARENCE C., Maywood, Ill., Draftsman.
JACYNA, EDWIN J., Kenosha, Wis., Dept. Supervisor.
JARVIS, RICHARD E., Manchester, N. H., Student.
JENSEN, NORMAN W., Albany, N. Y., Clerk.
JILLSON, EDWIN T., Manchester, Conn., Machinist.
JOHNSON, GILBERT E., Osceola, Nebr., Accountant.
JOHNSON, JOHN J., Midland, Pa., Plumber.
JOHNSON, KEITH A., Quaker Hill, Conn., Student.
JONES, NORMAN M., Norfolk, Va., Machinist.
JORDAN, LLOYD C., Kenosha, Wis., Expediter.
JUNKHAN, EDWARD D., Peoria, Ill., Student.
KALOUNDIAN, WILLIAM J., Newton, Mass., Student.
KAMMER, EDWARD, Detroit, Mich., Machinist.
KASKE, WILLIAM E., Chicago, Ill., Clerk.
KELLEY, JAMES F., Colo. City, Texas, Projectionist.
KELSEY, JOHN F., JR., East Orange, N. J., Florist.
KENYON, RALPH S., Waukegan, Ill., Accountant.
KINCAID, GERALD F., Ironton, Ohio, Student.
KING, HOMER J., Los Angeles, Calif., Ice Skater.
KITCHEN, EDWIN D., Lancaster, Ohio, Clerk.
KLEIBER, WILLIAM A., Lake City, Minn., Student.
KLINE, WILLIAM S., Chicago Heights, Ill., Dept. Store Executive.
KNIES, ALFRED T., JR., Austin, Texas, Student.
KOHLER, FRANK A., Chicago, Ill., Contractor.
KORN, STEPHEN J., Philadelphia, Pa., Student.
KOSTAKOS, PETER G., Brooklyn, N. Y., Student.
KOTSEY, ELMER J., Cleveland, Ohio, Sales Manager.
KUTNER, JEROME M., Bronx, N. Y., Radio.
KUZNETSKY, MORTON M., Chicago, Ill., Student.
LACHMAN, LEONARD H., Chicago, Ill., Student.
LAGROTTA, JOHN, Brooklyn, N. Y., Student.
LAMMERDING, CHARLES, Brooklyn, N. Y., Advertising.
LANDER, DAVID W., Yonkers, N. Y., Student.
LEHMKEHL, DONALD J., Covington, Ky., Clerk.
LENZ, GEORGE, Stephens, Ark., Foreman.
LEONESIO, JOHN, Stephens, Ark., Foreman.
LEVINE, AARON, New York City, N. Y., Student.
LICKER, MORRIS, Hazelton, Pa., Salesman.
LIGASKESKY, JOHN, McKee Rocks, Pa., Steam Fitter.
LILLY, JAMES, El Monte, Calif., Aircraft Worker.
LINDEE, RALPH, Indianapolis, Ind., Aero Engineer.
LINVILLE, JOSEPH, Kernersville, N. C., Student.
LOECHLE, RALPH, Newport, Kentucky, Machinist.
LONG, LLOYD, Toledo, Ohio, Bookkeeper.
LUND, JAMES, Minneapolis, Minn., Aircraft Worker.
LYONS, CALVIN, Fresno, Calif., Machinist.
LYTLE, MILTON, Battle Creek, Mich., Student.
McCONNELL, THOMAS, Kokomo, Ind., Student.
McELHOSE, RICHARD, Medford, Oregon, Student.
McELMON, FOSTER, Belmont, Mass., Carpenter.
McFAIN, WILLIAM, Nameoki, Ill., Clerk.
McGEADY, PAUL, Jersey City, N. J., Student.
McGRAW, MAX, Salem, Ill., Machinist.
McLELLAN, BYRON, Redstone, N. H., Clerk.
McMAKIN, ROBERT, Delavan, Ill., Student.
MAGDALIN, ROBERT, Brooklyn, N. Y., Student.
MAHONEY, GEORGE, Springfield, Ill., Student.
MAKER, JACK, Detroit, Mich., Machine Repairman.
MANFREDI, JOSEPH, Elkhart, Ind., Band ~~Musician~~ *INST*.
MANINI, GIUSEPPE, Detroit, Mich., Student.
MANN, SAMUEL, Paterson, N. J., Machinist.
MARINO, LUCIAN, Cleveland, Ohio, Assembler.
MARKHAM, JOHN, Pittsfield, Mass., Machinist.
MARKS, JACK, Holsupple, Pa., Student.
MARTIN, EDWARD, Elizabeth, N. J., Engineer.
MATAYA, CHARLES, Brilliant, N. Mexico.
MATHENA, EDWARD, Crothersville, Ind., Accountant.
MATTOON, RAYMOND, Springfield, Mass., Accountant.
MAYNARD, WILLIAM, Camp Point, Ill., Teacher.
MAZZELL, ALEXANDER, New York City, Merchant.
MEIER, EDWARD, Bronx, N. Y., Machinist.
MERRITT, FRED, Indianapolis, Ind., Inspector.
MERTEN, BRUCE, Sioux City, Iowa, Student.
MEYER, ROBERT, Tekamah, Neb., Farmer.
MEYERHOVEN, MELVEN, Huntington Woods, Mich., Student.
MEYERS, BENNETT, San Diego, Calif., Engineer.
MILLER, RAYMOND, Chetek, Wis., Dairyman.
MISKA, MANNY, Chicago, Ill., Whiskey Dealer.
MOFFETT, WILLIAM, Knoxville, Tenn., Student.
MOLLNER, MORTON, Chicago, Ill., Student.
MONROE, RICHARD, Chicago, Ill., Student.
MOORE, CHARLES, Pittsburgh, Pa., Student.
MOORE, EARL, Grand Rapids, Mich., Machinist.
MORBETO, ANTHONY, Houtzdale, Pa., Truck Driver.
MOREAU, ARTHUR, Baltimore, Md., Investigator.
MORGAN, D. P., Munday, Texas, Student.
MORGAN, RAYMOND, Marshalltown, Iowa, Student.
MORNEAU, NAPOLEON, Chicopee, Mass., Trouble Shooter.
MORRIS, CARSON, Mt. Vernon, N. Y., Sales Manager.
MORRIS, DUANE, Fairbury, Ill., Movie Projectionist.
MORTENSON, ROBERT, Chicago, Ill., Shipping Clerk.
MOSKOWITZ, JOSEPH, Bronx, N. Y., Student.
MUCEK, WALTER, Chicago, Ill., Sheetmetal Worker.
MURPHY, JOHN, Greenfield, Mass., Precision Worker.
NAGEL, MARVIN, Windsor, Colo., Student.
NASWICH, ALBERT, Elmhurst, N. Y., Pharmaceuticals.
NATALE, JOSEPH A., Rochester, N. Y., Apprentice Machinist.
NATHAN, JONAS, Farrell, Pa., Expediter.
NEASE, HAL C., JR., Charleston, W. Va., Chemical Operator.
NEFF, BURTON G., Minneapolis, Minnesota, Salesman.
NELL, JACK E., Salt Lake City, Utah, Addressograph Operator.
NEWELL, ELWIN C., Philadelphia, Pa., Radio Technician.
NICKERSON, ALVIN G., Sharon, Mass., Medical Student.
NIGRA, ALBERT B., Hyde Park, Pa., Meat Cutter.
NOKES, WINFRED H., Lebanon, Nebr., Farmer.
O'BRIEN, RAYMOND E., Atchison, Kansas, Accountant.
ODDI, MICHAEL J., Malden, Mass., Dispatcher.
OLIVER, JACK F., Traverse City, Mich., Tool and Die Maker.
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A GUY NAMED JOE . . .

Once there was a guy named Joe . . . average American . . . who in his composite way lived in my town, your town, and every other American town; who worked at things like my job, and yours, and yours. This Joe liked to stand in his fields, or on the street corner, and watch the big silver airliners drift through the blue skies overhead.

Came a day when Joe found himself face to face with a war—a war which was to be a fight to a finish. And quickly Joe thought of the skies; in his heart he knew how he wanted to fight this war. Joe became a Bombardier. Weeks and months passed. The girl back home sent him letters, thought of him a lot, and perhaps prayed a bit.

And one day Joe stood with his head high and his heart full, and in the brilliant sunlight of a Texas day he received his silver wings.

Joe went away soon after that. Inspired by the knowledge that his training had been thorough and that his equipment was the best in the world; braced with complete faith in his ideals; filled with trust of his fellow fliers, Joe went into action against a hated enemy. His tracers blazed a trail through the skies and his bombs cascaded on many enemy bases. He knew the thrill of closing with a skillful enemy and the horrors of bullets and flak.

But Joe's world was purged and cleansed by fire. One day his last mission was completed. Joe went home. He returned to blue skies which were not blossoming with flak. Reticent about his own exploits, he nevertheless had the inner satisfaction of having seen his duty, and having done a job well.

That is the story of a guy named Joe, but you have been gazing into a crystal ball. There is a war to be won and you and Joe must yet face and defeat that enemy. You get a certain lump in your throat at retreat or when the Bombardier Song is heard. That is good, but it will pale beside the feeling of exaltation you will have when you loose Nazi-busters and Jap-busters in fulfillment of all you are learning now.

To Joe, and to all of you and your future, this section of the 44-1B Polaris is dedicated.

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