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A Study to Determine the Number of Graphic Communications Employment Opportunities, By Type, Available in Virginia Beach, Virginia

Evan G. Jackson
Old Dominion University

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A STUDY TO DETERMINE THE NUMBER OF GRAPHIC COMMUNICATIONS

EMPLOYMENT OPPORTUNITIES, BY TYPE, AVAILABLE

IN

VIRGINIA BEACH, VIRGINIA

A Research Paper

Presented to

The Faculty of the School of Education

Old Dominion University

In Partial Fulfillment

of the Requirements for the Degree

Master of Science in Education

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by

Evan G. Jackson

May 1985

APPROVAL PAGE

This research paper was prepared by Evan G. Jackson under the direction of Dr. John Ritz in VTE 636, Problems in Education. It was submitted to the Graduate Program Director as partial fulfillment of the requirements for the Degreee of Master of Science in Education.

APPROVED BY: _____ 5-5-85

Dr. John Ritz   Date
Advisor
Vocational and Technical Education

_____ 5/7/85

Dr. Malvern Miller   Date
Graduate Program Director
Vocational and Technical Education

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CHAPTER I

INTRODUCTION

The economic survival of many businesses depends on
the sale of its goods or services. To get people to avail
themselves of the company's product(s), an advertising
campaign of some form is used. Advertising takes many
forms: radio, television, and the printed word. The
printed word (and pictures) is, by far, the most widely
used form of advertising.

The printed word is not used solely for advertising
goods and services. It is also used to convey people's
feelings and/or sway another person's opinion, perhaps
positively or negatively. One only has to look at tele-
phone and electric company poles at election time to see a
most graphic example. Annual reports to stockholders is
another widely used form of the printed word.

The industries responsible for putting the fertile
thoughts of writers and designers into printed form is
called the graphic communications industry. The major
ones are offset printing, screen process printing,
photocopying, and their related processing and finishing
industries: binding and finishing.

The vastness of the graphic communications industry
means that there are a great number of employment oppor-
tunities. Part of the educational process, and vocational

education courses in particular, is to prepare students for the workday world. One way to do this is to spotlight the opportunities and where they exist.

STATEMENT OF THE PROBLEM

The problem of this study was to determine the number of graphic communications employment opportunities, by type, available in Virginia Beach, Virginia. To be relevant to career planning, this study will investigate present openings with projections for the next three years.

RESEARCH GOALS

To answer this research problem the following questions needed to be answered:

1. What graphic communications employment opportunities were available in Virginia Beach, Virginia.

2. Within each type of employment opportunity, how many people were needed.

3. How many new employment opportunities will become available in the next three years.

BACKGROUND AND SIGNIFICANCE

People generally perform better when they are reasonably sure that their efforts will produce tangible results. If a student of graphic communications can be offered information about employment opportunities then,

perhaps, he/she will see that the successful completion of the course can have an economic impact on his/her career. This study was envisioned as a method to provide the student with specific opportunities within the graphic communications industry in Virginia Beach, Virginia.

The results of this research can be made available to the graphic communications teachers and guidance counselors at the vocational and technical center, career development center, and the three high schools which currently teach courses pertaining to graphic communications. Early information about possible career opportunities will allow the student to make intelligent choices when planning three or four year high school schedules. This early planning, hopefully, may keep the student from taking courses that will not be beneficially used when he/she enters the work force.

City directories, while showing some companies making up the graphic communications industries, are primarily a profit making venture and, therefore, list primarily companies who have paid to have their names included. Employment agencies list only currently available job openings. They do not show what future possibilities may exist.

Job placement is a goal of vocational education and a study of this nature will identify the employment opportunities available to students of graphic communications.

Providing the right training so that students can enter
the work force will reduce the number of unemployed and
help bolster the economy.

LIMITATIONS

The scope of this research was limited to Virginia
Beach, Virginia graphic communications employment oppor-
tunities. The fields covered in this research were quick
printing, screen printing, full service offset printing,
rubberstamp making, advertising agency, engraving, color
separation, advertising specialties, photofinishing,
typehouse, graphic design studio, photographer, publish-
ing, and commercial artist. There may be related fields
of employment opportunities that were not surveyed and
thus the total number of actual employment opportunities
may be greater. Employers were identified from the tele-
phone company yellow pages, Hampton Roads Chamber of
Commerce directory, and The Greater Hampton Roads Organi-
zation Directory of Manufacturers. The respondents views
of employment opportunities in their businesses within the
next three years are subject to personal biases.

ASSUMPTIONS

The following assumptions were applied to this study:

1. That we will have economic progress and not a
recession.

2. The results will be used for the guidance of stu-

dents.

3. That some graphic communications employment opportunities will not be detected and others will change over time.

PROCEDURES

A survey form was designed and mailed to those companies identified as related to the graphic communications industry. A cover letter explaining the reason for the survey and asking their cooperation accompanied the form. The results were then tabulated and presented with tables and discussion.

DEFINITION OF TERMS

Offset printing - printing done from a flat surface.

Screen Process Printing - formerly called silk screen printing, a process where an object is printed by forcing ink through a mesh fabric stretched on a frame.

Rubber Stamp Making - producing a raised surface on rubber material from which an image can be transferred to another object.

Stripping - placing negatives on a sheet of special paper in preparation for making an offset printing plate.

Platemaking - making an offset printing plate from a stripped-up negative.

Binding and Finishing - cutting, trimming, folding, and otherwise taking printed material and processing it

into it's final form.

Darkroom Workers - persons who produce the negatives and prints for the various printing processes.

Letterpress - a printing press which produces images from a raised surface of metal type characters.

Pasteup - arranging pictures and words in a predetermined order prior to making a negative.

Typesetters - persons who compose the words used in printed matter in the required sequence.

Layout and Design - where thoughts are assembled into visual images in a pleasing arrangement.

OVERVIEW OF CHAPTERS

Chapter I introduced the graphic communications industry and stated the problem. Additionally, it stated the research goals, gave the background and significance of the study, stated the limitations and assumptions of the study, outlined the procedures, and defined some of the terms found in the study.

In the following chapters there was a review of the literature researched in the study of employment opportunities in the graphic communications industry in Virginia Beach, Virginia. The methods and procedures were discussed in detail and the findings detailed. Lastly, the findings were summarized, conclusions drawn, and recommendations were given.

CHAPTER II

REVIEW OF THE LITERATURE

In this chapter there will be an overview of the literature on graphic communications employment opportunities in Virginia Beach, Virginia and how the industrial arts curriculum is related to those opportunities. In order to understand what particular opportunities were investigated, a review of the overall national graphic communications industries was undertaken.

STATISTICS

Government statistics show that the receipts of the graphic communications industries in 1983 recorded a rate of real growth of three percent. The projected upturn in the nation's economy will cause the value of shipments by the printing, publishing, and allied industry to rise slightly above four percent in 1984, In 1983 the value of industry shipments of photographic equipment and supplies remained about the same level as 1982 (but) an increase of three percent, in constant dollars, is expected in 1984.(1)

With these projected increases, there should most certainly be an increase in the number of employment opportunities. It is the responsibility of vocational education, which includes industrial arts, to prepare students for employment.

The 1976 Amendments to the Vocational Educational Act of 1963 emphasized the need for helping students to make wise occupational choices. As part of the definition of industrial arts, Public Law 94-482(1978) stated that industrial arts programs should "assist individuals in the making of informed choices." In 1979, The Standards for Industrial Arts Project (Virginia Polytechnic Institute and State University) reported that the purpose "to help students make informed educational and occupational choices" has risen from between fourth and ninth rank of emphasis by principals, industrial arts chairpersons, and guidance coordinators to second in its level of importance.(2)

A comparison of rankings of content being taught by graphic communication educators and rankings of predominant processes of the graphic communications industry makes it clear that there are some important discrepancies between the two. In terms of total printing sales, offset lithography had a forty-four percent share of the market and ranked third in priority of instruction. Screen printing, however, with less than five percent of the market received first instructional priority. Some processes such as gravure and flexography, which are ranked second and third, respectively, in percentage of sales, received little to no emphasis in the secondary school.(3)

The statements show a need for the industrial arts

educator to be aware of what employment opportunities are available in his/her area if he/she is to construct a graphic communications curriculum that will allow the student to make a wise occupational choice. Studies that are nationwide in scope provide a basis for establishing a range of curriculum content but the depth to which each subject is taught might best be predicated on the employment opportunities in the immediate area.

VIRGINIA BEACH DATA

In the local area, an industrial development agency for nine political subdivisions in southeastern Virginia has compiled a listing of manufacturers within those nine communities. This shows that, for thirty-eight manufacturing concerns related to the graphic communications industry, including quick-print shops, photographers, graphic studios, commercial artists, engravers, rubberstamp makers,color separators, screen printers, typehouses, full service offset printers, advertising agencies, advertising specialties, publishers, and photofinishers, there were 406 persons employed in Virginia Beach, Virginia alone. But listings in the yellow pages of the local area telephone directory reveal that there are some graphic communications concerns not included in the aforementioned listing.

SUMMARY

In summary, the graphic communications educator needs to be aware of what employment opportunities are in his/her immediate area if he/she is to provide the student with an opportunity for wise occupational choices. In subsequent chapters an instrument to measure the graphic communications employment opportunities in Virginia Beach, Virginia will be described and the resultant findings displayed and analyzed.

CHAPTER III

METHODS AND PROCEDURES

The problem of this study was to determine the number
of graphic communications employment opportunities, by
type, in Virginia Beach, Virginia. In order to gain the
pertinent data it was necessary to conduct a survey. In
this chapter the methods and procedures for the study will
be discussed. These include the population, procedure,
administration of the instrument, data tabulation, and
summary.

POPULATION

The population of this study consisted of owners/man-
agers of business establishments related to the graphic
communications industry in Virginia Beach, Virginia as
obtained from the yellow pages of the local area telephone
directory, the Hampton Roads Chamber of Commerce
Directory, and The Greater Hampton Roads Organization
Directory of Manufacturers. These include quick-printers,
screen printers, graphic studios, engravers commercial
artists, advertising agencies, advertising specialties,
publishers, full service offset printers, typehouses, rub-
berstamp makers, color separators, photographers, and
photofinishers. The total population for this study was
101 businesses. Appendix D contains a listing of the
graphic communications businesses surveyed.

PROCEDURES

A survey was developed and sent to the aforementioned businesses. This survey consisted of closed questions as to what type of business did the respondent consider his/hers to be and how many persons, by type of job, were now employed and might be employed by 1988. A copy of the survey can be found in Appendix A.

ADMINISTRATION OF SURVEY

The survey, designed to be a self-mailer with postage affixed, and a cover letter, found in Appendix B, was sent to 101 business establishments related to the graphic com- munications industry in Virginia Beach, Virginia. Upon receiving the responses the results were compiled using the frequency method. The data was presented in the fol- lowing chapters in the form of tables and discussion. The tables indicated the type of jobs, the number of jobs, and the projected need by 1988.

SUMMARY

In this chapter the methods and procedures for the research study were discussed. A survey was sent to own- ers/managers of business establishments related to the graphic communications industry in Virginia Beach, Virginia. The data received from these surveys was presented in the next chapter and analyzed in the chapter following that.

CHAPTER IV

FINDINGS

The problem of this study was to determine the number of graphic communications employment opportunities, by type, available in Virginia Beach, Virginia. To be relevant to career planning this study investigated present openings with projections for the next three years. In this chapter data was presented with tables showing the survey statistics, the business categories, and the employment opportunities now and in 1988.

EXPLANATION OF TABLES

Table I illustrates the responses received versus the number of forms sent out. Out of 101 survey forms sent out, eleven were returned by the United States Postal Service because the firms had either gone out of business or the allotted time for forwarding mail had expired. After sending out a follow-up letter, found in Appendix C, a total of sixty-five responses, or sixty-five percent, were received leaving a total of twenty-five firms who chose not to participate in the survey.

TABLE I

SURVEY STATISTICS	TOTAL
Survey Forms Sent	101
Firms Out of Business	11
Survey Forms Returned	65

Firms Not Responding   25
Percentage of Total   65%

Table II illustrates the totals by categories that the respondents felt best described their firm's business.

TABLE II

BUSINESS CATEGORIES	TOTAL
Quick Printer	5
Photographer	12
Graphics Studio	2
Commercial Artist	4
Rubber Stamp Maker	0
Engraving	0
Color Separation	1
Screen Printer	5
Typehouse	0
Full Service Offset Printer	20
Advertising Agency	5
Advertising Specialties	5
Publishing	2
Photofinisher	4

Table III illustrates, by job type, the number of persons now employed by the businesses listed in Table II and the number of persons these businesses hope to employ by 1988.

TABLE III

EMPLOYMENT OPPORTUNITIES	NOW	1988	POSSIBLE NEW JOBS
Commercial Artist	33	41	8
Graphic Designer	21	29	8
Phototypesetter/Compositor	31	39	8
Layout Artist	25	37	12
Process Camera Operator	18	19	1
Darkroom Worker	15	24	9
Stripper	16	21	5
Platemaker	14	16	2

Offset Press Operator	52	73	21
Screen Maker	8	12	4
Screen Printer	15	33	18
Photographer	32	55	23
Rubberstamp Maker	1	2	1
Engraver	4	8	4
Bindery Worker	57	99	42
Multipurpose	49	79	30

SUMMARY

In this chapter the findings of the research study were discussed. Table I illustrated the survey statistics, showing the number of respondents versus the number of survey forms sent out. Table II illustrated the total number of each business category that the respondents felt best described their firm's major business. Table III illustrated the total number of employment opportunities, by type, available now and possibly by 1988.

In the following chapter the data received was summarized, conclusions were drawn, and recommendations were given on how this data may be utilized.

CHAPTER V

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

This chapter summarized the work done in the previous chapters. Conclusions were drawn in this chapter that answered the research goals found in Chapter I. Practical recommendations were given on how to implement the findings outlined in Chapter IV and possible further study.

SUMMARY

The problem of this study was to determine the number of graphic communication employment opportunities, by type, available in Virginia Beach, Virginia. To answer this research problem the following questions needed to be answered:

1. What graphic communications employment opportunities were available in Virginia Beach, Virginia.

2. Within each type of employment opportunity, how many people were employed.

3. How many new employment opportunities will become available within the next three years.

A review of the literature revealed that city directories are primarily a profit making venture and therefore mainly list companies who have paid to have their names included. Employment agencies list only current available job openings. A listing of manufacturing

concerns within Virginia Beach, Virginia by an industrial development agency does not show all the firms listed by the business pages of the local area telephone directory. Consequently, a combination of yellow pages and industrial directories were used to identify the population.

A survey of closed questions asking their main business and the number of persons now employed and those that might be employed by 1988, by type of job, was sent to firms identified through the review of the literature to be graphic communications firms. The survey form was accompanied by a cover letter asking their cooperation and in some cases a follow-up letter with a duplicate survey form was sent to gain as many responses as possible.

The findings from these surveys was presented in table form along with an explanation of each table. Survey statistics, business categories, and employment opportunities now and 1988 were shown.

CONCLUSIONS

From the findings of the study the following conclusions were drawn:

1. There were at least 391 graphic communications employment opportunities available in Virginia Beach, Virginia.

2. By type of employment opportunities the following number of people were employed:

```
Commercial Artist              33
Graphic Designer               21
Phototypesetter/Compositor     31
Layout Artist                  25
Process Camera Operator        18
Darkroom Worker                15
Stripper                       16
Platemaker                     14
Offset Press Operator          52
Screen Maker                    8
Screen Printer                 15
Photographer                   32
Rubberstamp Maker               1
Engraver                        4
Bindery Worker                 57
Multipurpose                   49
```

3. The firms surveyed hope to provide at least 196 new employment opportunities within the next three years.

These findings indicate a particularly large need for offset press operators, photographers, bindery workers, and multipurpose workers. The projected fifty percent increase in graphic communication employment opportunities over the next three years represents a very optimistic outlook by members of the industry in Virginia Beach, Virginia.

RECOMMENDATIONS

Based upon the findings of this study it is recommended that a continued emphasis be placed on preparing students for careers in graphic communications. Since many of the employment opportunities are of a multipurpose nature, it is important that any course in graphic communications adequately cover all phases of the industry. In order to show validity for teaching the various phases of

the graphic communications industry it is recommended that a session on career opportunities be given and the results of this survey be made available as a handout to each student.

The Virginia Beach City Public Schools curriculum guides for Graphic Communications and Communications Technology should be reviewed for coverage of current jobs. If the current curriculum is found to be lacking in coverage of the broad graphic communications clusters, it should be reviewed to provide youth with a proper perspective and training in graphic communications careers.

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7. Hampton Roads Chamber of Commerce. Hampton Roads
        Chamber of Commerce Directory. Norfolk, Virginia:
        Hampton Roads Chamber of Commerce, 1984.

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        Tidewater Area Business to Business Yellow Pages.
        Chesapeake and Potomac Telephone Company of
        Virginia, 1984.

APPENDIX A

SURVEY FORM

EVAN G. JACKSON
510 26 STREET
VIRGINIA BEACH, VA 23451

APPENDIX B

March 15, 1985

Dear

I am currently enrolled in the Masters of Science in Education program at Old Dominion University and teach Graphic Communications at Frank W. Cox High School in Virginia Beach. I am conducting a survey to find the number of employment opportunities in the graphic arts industry in Virginia Beach. I plan to share the results of this survey with my students in hope that they might choose a career in the graphic arts.

I realize that your time is valuable but hope that you will take a few minutes to complete the enclosed survey form and return it at your earliest convenience.

Your cooperation in this survey will provide my students with valuable information about possible future employment in the graphic arts industry in Virginia Beach.
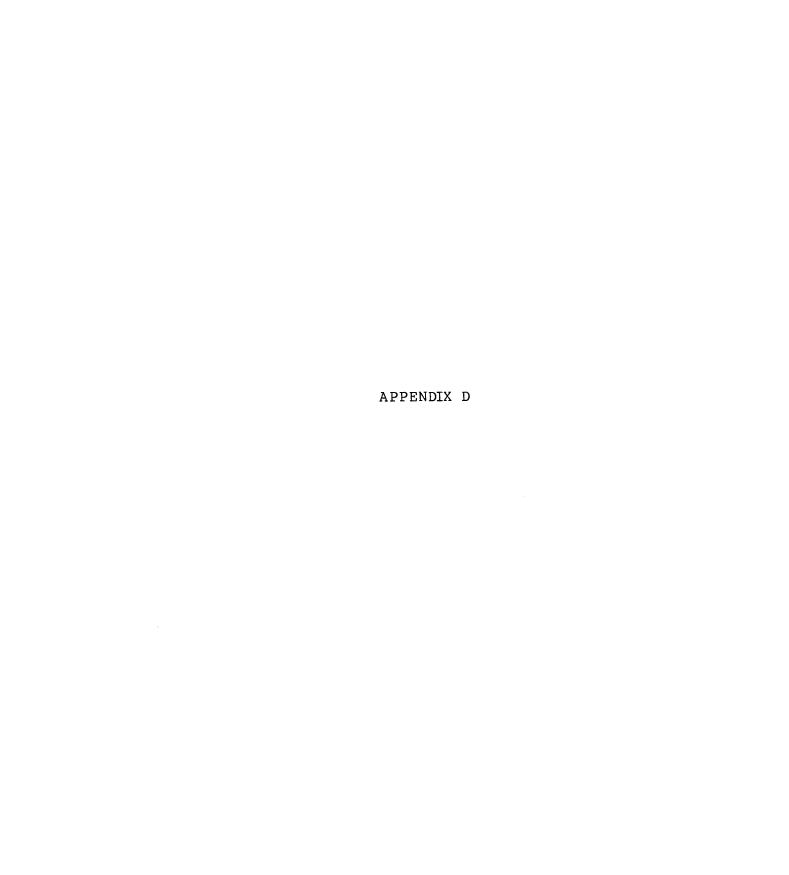
Sincerely,

Evan G. Jackson

APPENDIX C

April 4, 1985

Dear

    Several days ago I sent your firm a survey form
designed to determine the number of employment oppor-
tunities in the graphic arts industry in Virginia Beach.
The purpose of this survey was to inform the students in
my Graphic Communications course at Frank W. Cox High
School in Virginia Beach about possible future employment
in the graphic arts. As part of our vocational course we
are required to help our students make informed decisions
about their careers. Your response to the survey will
help provide information to those students who might be
contemplating a career in the graphic arts.

    I am enclosing another copy of the survey form in
case the other copy was not received or has been mislaid.
Please take a few minutes to complete the form and return
it. The return address and postage has been affixed.

    Thank you for your time to help provide a graphic
arts student with information to enable him/her to make an
informed decision about a future career.

                                Sincerely,

                                Evan G. Jackson

APPENDIX D

Advanced Color Separations
2768 Shore Drive
Virginia Beach, VA 23451

Concert Special-T
Advertising
414 25th Street
Virginia Beach, VA 23451

All Sports Promotions
409 Davis Street
Virginia Beach, VA 23462

East Coast Screen Printing
3513 Virginia Beach Blvd.
Virginia Beach, VA 23452

Am/Pro Photo Corporation
465 Edwin Drive
Virginia Beach, VA 23462

Fleet Foto, Inc,
4576-9 Pembroke Mall Patio
Virginia Beach Blvd.
Virginia Beach, VA 23462

American Drafting &
Laminating Co., Inc.
5043 Cleveland Street
Virginia Beach, VA 23462

Gull Line Ltd.
4940 Euclid Road
Virginia Beach, VA 23462

Badgeman
4966 Euclid Road
Virginia Beach, VA 23462

Hilltop Printing
1625 Donna Blvd.
Virginia Beach, VA 23451

Cavalier Rubber Stamp Co.
248 Jersey Avenue
Virginia Beach, VA 23462

Independent Printers, Inc.
865 Chimney Hill Shopping
Ctr.
Virginia Beach, VA 23452

Cavalier Sportswear, Inc.
624 10th Street
PO Box 1086
Virginia Beach, VA 23451

Innovative Professional
Systems, Inc.
1432 North Great Neck Road
Virginia Beach, VA 23454

Commonwealth
Communications
Group, Inc.
5041 Admiral Wright Road
Virginia Beach, VA 23462

J.D.S. Enterprises, Inc.
1844 Duke of Norfolk Quay
Virginia Beach, VA 23454

Peter Kwick
Printing/Copying
3253 Virginia Beach Blvd.
PO Box 2155
Virginia Beach, VA 23450

Simmons Photo Service
2510 Atlantic Avenue
Virginia Beach, VA 23451

Ronn Maratea Photography
4338 Virginia Beach Blvd.
Virginia Beach, VA 23452

Sutton Photographers, Inc.
1039 Providence Square S.
C.
Virginia Beach, VA 23464

McDearmid Photography
2633 South Kings Road
Virginia Beach, VA 23452

Telescopic Printing &
Office supply Company
1015 Providence Square S.
C.
Virginia Beach, VA 23464

One Hour Photo
Lynnhaven Mall
Virginia Beach, VA 23452

Tidewater Emblems, Inc.
1816 Potters Road
PO Box 3234
Virginia Beach, VA 23454

T-Body's Inc. T-Shirt
Factory
949 Seahawk Circle
PO Box 2259
Virginia Beach, VA 23450

Graffiti, Ltd.
2208 Atlantic Avenue
Virginia Beach, VA 23451

Progressive Graphics, Inc.
2605 Virginia Beach Blvd.
Virginia Beach, VA 23452

Shirt Shack
1701-A Atlantic Avenue
Virginia Beach, VA 23451

Rayco, Inc.
5760 Northampton Blvd.
PO Box 5646
Virginia Beach, VA 23455

Trend Forms, Inc.
512 Viking Drive
Virginia Beach, VA 23452

Shelbourne Advertising,
Inc.
PO Box 2095
Virginia Beach, VA 23452

Global Publications, Ltd.
PO Box 174
Virginia Beach, VA 23458

Surfside East, Inc,
2456 Pleasure House Road
Virginia Beach, VA 23455

New Life Graphics
418 Virginia Beach Blvd.
Virginia Beach, VA 23451

JCP Corporation of
Virginia
3330 Pacific Avenue
Virginia Beach, VA 23451

PIP Printing
340 London Bridge Shopping
Ctr.
Virginia Beach, VA 23454

Cavalier Publishing Corp.
2324 Plantation Drive
Virginia Beach, VA 23454

Presto Printing Center,
Inc.
428 Newtown Road
Virginia Beach, VA 23462

ABC Printing Company
207 Pennsylvania Avenue
Virginia Beach, VA 23462

Rapid Reprints
332 Constitution Drive
Virginia Beach, VA 23462

Bryan Printing Company
5637-A Princess Anne Road
Virginia Beach, VA 23462

The Reproduction &
Printing Co, inc.
109 North Plaza Trail
Virginia Beach, VA 23452

Budget Instant Print
550 First Colonial Road
Virginia Beach, VA 23451

Thrifti Quick Print
4848 Virginia Beach Blvd.
Virginia Beach, VA 23462

Coastland Printing Company
2232 North Great Neck Road
Virginia Beach, VA 23451

Virginia Beach Printing &
Stationary Company
3000 Baltic Avenue
Virginia Beach, VA 23451

Sigler's Kwik-Kopy
2712 Virginia Beach Blvd.
Virginia Beach, VA 23452

Witchduck Printing
101 South Witchduck Road
Virginia Beach, VA 23462

Advertising Designers, Inc. 6222 Pardue Court Virginia Beach, VA 23464	Cap Publishing 508 North Birdneck Road Virginia Beach, VA 23451
Graphic Cats, Inc. 5291 Greenwich Road Virginia Beach, VA 23462	Advance Graphics Sign Company 1069 New Dam Neck Road Virginia Beach, VA 23454
Commercial Art Services 198 South Rosemont Road Virginia Beach, VA 23452	Rainbow Screen Printing, Inc 4801 Shell Road Virginia Beach, VA 23455
Print & Mail 4356 Holland Plaza Shoppes Virginia Beach, VA 23452	All Sports Promotions 4060 West Colonial Parkway Virginia Beach, VA 23452
Dominion Printing 2925 Virginia Beach Blvd. Virginia Beach, VA 23454	Bottom Line Typesetting 1570 Hummingbird Lane Virginia Beach, VA 23462
G. W. Printing Company 5291 Greenwich Road Virginia Beach, VA 23462	Lendman Advertising 5507 Greenwich Road Virginia Beach, VA 23462
Jones Printing Services 1911 Sparrows Road Virginia Beach, VA 23462	PDQ Corporation Pembroke One Virginia Beach, VA 23455
London Bridge Printing 2535 Virginia Beach Blvd. Virginia Beach, VA 23454	Pronto Press 2460 Pleasure House Road Virginia Beach, VA 23455

Boice Studio
209 25th Street
Virginia Beach, VA 23451

Kwick Copy Printing Center
6507 College Park Square
Virginia Beach, VA 23462

Shell Studios
5625 Virginia Beach Blvd.
Virginia Beach, VA 23462

Ad-Ventures
700 Baker Road
Virginia Beach, VA 23462

Graphics House
2460 Pleasure House Road
Virginia Beach, VA 23455

Professional Micro Systems
405 Oakmeers Crescent
Virginia Beach, VA 23462

Greater Creators, Inc.
2200 Commerce Parkway
Virginia Beach, VA 23454

Youngblood Associates
414 Oakmeers Crescent
Virginia Beach, VA 23462

New Ideas
5291 Greenwich Road
Virginia Beach, VA 23462

Carran & Company
258E North Witchduck Road
Virginia Beach, VA 23462

The Petragram Group
5271 Challedon Drive
Virginia Beach, VA 23462

The Copy Shoppe
4204 East Indian River
Road
Virginia Beach, VA 23462

Sign Mart
122 Pennsylvania Avenue
Virginia Beach, VA 23462

Barcita Creative Services
224 Groveland Road
Virginia Beach, VA 23452

Econo-Quick Printing
1679 Laskin Road
Virginia Beach, VA 23454

Dennis F. Auth
Illustrations
224 Groveland Road
Virginia Beach, VA 23452

McIntosh Studio of
Photography, Inc.
228 North Lynnhaven Road
Virginia Beach, VA 23452

Artcraft Press
465 South Lynnhaven Road
Virginia Beach, VA 23452

Rainbow Photo, inc.
3736 Shore Drive
Virginia Beach, VA 23455

Best Impressions
704 Wolfsnare Crescent
Virginia Beach, VA 23454

Robson Photography
2500 Atlantic Avenue
Virginia Beach, VA 23451

Forrest Studio of
Photography
5473 Shore Drive
Virginia Beach, VA 23455

Ron Smelkinson's
Productions
95 South Witchduck Road
Virginia Beach, VA 23462

Fotex
5196 Fairfield Shopping
Center
Virginia Beach, VA 23462

Portraits by Torres
2981 Virginia Beach Blvd.
Virginia Beach, VA 23452

Gaspar Productions
508 North Birdneck Road
Virginia Beach, VA 23451

White's Photography Studio
1137 Independence Blvd.
Virginia Beach, VA 23455

Images by Richard
PO Box 4244
Virginia Beach, VA 23454

Bob's Rapid Reprints
122B Pennsylvania Avenue
Virginia Beach, VA 23462

Images of Virginia Beach
604A Jack Rabbit Road
Virginia Beach, VA 23451

The Commercial Printing
House
3834 Virginia Beach Blvd.
Virginia Beach, VA 23452

Joel Photography
4992-10 Euclid Road
Virginia Beach, VA 23462

Bayside Printing Center
1516 Independence Blvd.
Virginia Beach, VA 23455

Dowdy's Printing
178 Boggs Avenue
Virginia Beach, VA 23452

Express Press-Advanced
Color
2925 Virginia Beach Blvd.
Virginia Beach, VA 23452

Hills Printing
800 Baker Road
Virginia Beach, VA 23455

Peak Enterprises
510 25th Street
Virginia Beach, VA 23451