

INSTA

INSTA-WRITER T.M.

BY LEONARD SASSO, Phd.

PERSONAL WORD PROCESSING SYSTEM
FOR THE COMMODORE 64 COMPUTER



CIMARRON

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INTRODUCTION

Welcome to the international world of **INSTA-WRITER**. **INSTA-WRITER** will mean a new way of writing for many people who intend to own a personal computer.

INSTA-WRITER is a low cost, multi-featured word processing or text editing system for the Commodore-64 Computer. It fits in a cartridge that is inserted into the back of the computer. Once the cartridge is in place, the operator is ready to begin creating text.

INSTA-WRITER was designed primarily for the personal use of professionals, students, educators or business people who need to create, edit and store documents and who would like to take advantage of the tremendous power of the personal computer rather than correspond by hand or on a typewriter. It can be used for letters, general correspondence, documents, term papers, homework, forms and many other kinds of writing.

With **INSTA-WRITER**, the operator, after just a few minutes training, can create a complete document on the screen of an ordinary T.V. set. Changes can be made at any time by just a few key strokes on the typewriter-like keyboard of the computer. The final result is always a letter perfect document which can be "magnetically stored" on a cassette tape or "diskette" for subsequent printing.

Because of the low cost of personal computers and their many uses, it is very easy to justify ownership. Writing letters or word processing as many people prefer to call it, is just one of these uses.

We hope you enjoy **INSTA-WRITER** and its many attributes. In the near future even more features will be available on diskette to further enhance its utility.

THE USER'S GUIDE AND REFERENCE CARDS . . . READ THEM ALL FIRST . . . !!!

This documentation is designed to assist you in learning **INSTA-WRITER** in the shortest possible time. A **TUTORIAL** section introduces you to writing with **INSTA-WRITER**. **QUICK REFERENCE CARDS** and **HELP** screens make learning and remembering what you learn easier to accomplish. A **CROSS-REFERENCING INDEX** facilitates mastering the program. For the most part, **INSTA-WRITER** is self explanatory and with a little practice proficiency should be attained quickly.

Sincerely,

CIMARRON CORPORATION

INSTA-WRITER CHECK LIST AND START UP PROCEDURE

1. Make sure that all your equipment is installed and operating properly.

You must have the following equipment:

- * Commodore 64 computer
- * Television set (Color or Black and White)
- * Assorted connecting cables
- * **INSTA-WRITER** Cartridge

Optional equipment:

- * 1541 diskette drive with a NEWED diskette
(Refer to your VIC-1541 User's Manual, page 15 to learn how to NEW or format a '64 diskette)
- * 1530 Datasette tape drive
- * 1525 Printer or;
- * Compatible printer (with INTERFACE-SOFTWARE)
- * Industry standard Monitor

2. Thoroughly READ the COMMODORE-64 USER'S GUIDE and **INSTA-WRITER's** USER'S GUIDE and follow the step by step introductory example. This will sufficiently familiarize you with **INSTA-WRITER** to begin working on documents of your own.
3. Review the "How to Use **INSTA-WRITER**" page, browse through the QUICK REFERENCE CARDS to orient yourself to the CONTROL, MENU, and EDIT DOCUMENT features.
4. Make certain the computer is turned OFF when inserting your new **INSTA-WRITER** PROGRAM CARTRIDGE in the cartridge SLOT located in the rear of your computer (there is only one possible solution). The label should be facing UP.
5. Use the optional HELP diskette as a supplement to your QUICK REFERENCE CARDS (see the REGISTRATION CARD for details).

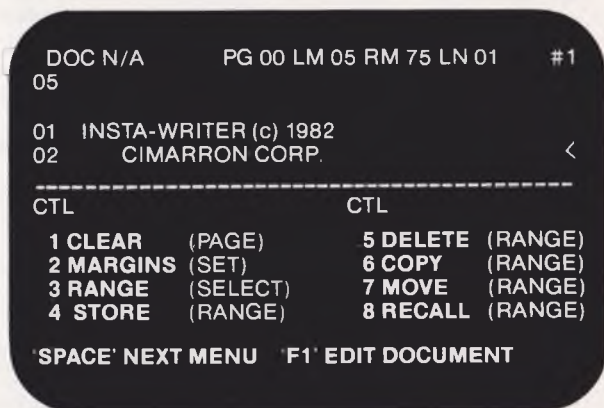
HOW TO USE INSTA-WRITER

- STEP ONE** Read your Commodore-64 and peripheral manuals.
- STEP TWO** Be sure you have all the proper equipment to operate **INSTA-WRITER** and that diskettes have been **NEWED** (Refer to **CHECK LIST** and Page 15 of your 1541 User's Manual).
- STEP THREE** Set up your computer, disk or tape drive, optional printer, TV. set or monitor, attach your cables, plug them in properly grounded circuits and verify all systems are **GO**.
- STEP FOUR** Familiarize yourself with the **INSTA-WRITER** User's Guide.
- STEP FIVE** Turn your computer **OFF**, insert the **INSTA-WRITER** cartridge with the label **UP**, and turn your computer **ON**.
- STEP SIX** Verify that all systems are **GO** (See "STARTING UP", page 1 of your guide) and that the **MAIN MENU** of **INSTA-WRITER** is displayed.
- STEP SEVEN** Do **LESSON ONE**, learn some of the procedures, techniques and capabilities of **INSTA-WRITER**.
- STEP EIGHT** Learn how the **CONTROL KEYS** operate on both **MENUS**. **SAVE** your practice "DEMO" document to diskette or cassette, **LOAD** it from diskette or cassette and then **PRINT** it comparing your **SCREEN** format to your **PRINTER** format. **EDIT** as required.
- STEP NINE** Learn how the **PROGRAM FUNCTION KEYS** operate, which ones are **TOGLETs** (On & Off switches) and which ones perform differently depending on what **MODE** you are in. Practice **CENTERING** and **UNDERLINING** (if your printer supports underlining).
- STEP TEN** Learn how to do **TOP OF PAGE**, **BOTTOM OF PAGE** and **CURSOR MOVEMENTS** in the most efficient manner. Set **TABS** and **MARGINS**, practice **INSERT/DELETES** in the **EDIT DOCUMENT MODE** and in the **CONTROL MODE**.
- STEP ELEVEN** Begin to **MOVE** text around by using **RANGE**. Learn to **COPY**, **MOVE**, **DELETE** and **RECALL BLOCKS** of text within a single document and between **SCREENS**.
- STEP TWELVE** Now start **CREATING** your own documents. **SAVE** them, **EDIT** them and **PRINT** them.

STARTING UP

Now that you have completed setting up your system and you are sure that all connections between the computer, the tape or disk drive, the optional printer and your T.V. set are correct, make certain your system is **OFF**. INSERT your **INSTA-WRITER** cartridge and THEN turn the computer system on.

YOUR SCREEN SHOULD LOOK LIKE THIS:



IF IT DOESN'T . . . Make certain all your connections are good and solid and that all equipment is plugged into a properly grounded circuit.

Now, turn all equipment off, remove the **INSTA-WRITER** cartridge and reinsert it. Once again, turn the equipment on.

If you still do not see the main **INSTA-WRITER** screen you may have a faulty system or a faulty cartridge. Try another program cartridge to see if it runs properly.

If YES, then it is likely that the **INSTA-WRITER** cartridge is defective. If NO, then it is likely that one of the system components is defective or inoperative.

LESSON ONE First let's examine the **INSTA-WRITER** screen and learn by doing.

From the MENU of selections found at the bottom of the **INSTA-WRITER** screen, locate and identify the COMMAND LINE:

'SPACE' NEXT MENU 'F1' EDIT DOCUMENT

MENU TWO

By pressing the "SPACE" bar MENU TWO will be displayed. The second MENU allows you to list a **DIRECTORY** (display the **TABLE OF CONTENTS**) on a diskette (does not function with cassette), to **SAVE** or "magnetically store" a document on diskette or cassette, to **LOAD** or recall a document from diskette or cassette, to

PRINT a document with your printer and **INTERFACE**, an optional **CONTROL** function which allows you to interact with other CIMARRON software modules such as INSTA-MAIL mail list generator and different kinds of printers.

CTL MEANS CONTROL

CTL

1. **DIRECTORY**
2. **SAVE**
3. **LOAD**
4. **PRINT**
5. **INTERFACE**

— You must press **CONTROL CTRL KEY** at the same time as **NUMBER** —

8 COLORS

Eight **PRESET** colors are built into **INSTA-WRITER**. **HOLD DOWN** the **COMMODORE KEY** (found at the bottom left of your keyboard) while simultaneously **PRESSING KEYS 1 through 8** in succession. Each number corresponds to a different tri-color scheme, from contrasted blacks and whites to combinations of several other optimized hues. Adjust your T.V. set to receive the best viewing combination. Check your Commodore 64 Owner's Manual for further computer color adjustments.

PRESS<F1>

By pressing the<F1>KEY, typing can begin.

Now PRESS the<F1>key for "EDIT DOCUMENT" (F1 is the "SPECIAL FUNCTION KEY" located at the TOP RIGHT HAND CORNER of your keyboard). The "INSTA-WRITER (c) 1982 CIMARRON CORP." message will disappear, your screen will **EXPAND** to a large **WORK WINDOW** (shown below) and you will see a small flashing or blinking "block" character called a **CURSOR** appear in the middle left center of your screen. Very simply, the **CURSOR** shows you where each typed letter will appear. You are now ready to begin creating text. However, before you begin typing read on . . .

Work Window

CURSOR

KEYBOARD

See the '64 manual for more on keyboard description.

CURSOR POSITION

Line Numbers for Easy EDITING



Look at the information on the top of your screen. This is called the **STATUS LINE**.

STATUS LINE DOC N/A PG 00 LM 05 RM 75 LN 01 #1

This line of the **INSTA-WRITER** screen gives you more information about your document. Definitions are as follows:

DOC DOCUMENT NAME

Displayed here will be the name of the **DOCUMENT** you are currently **EDITING** or working on. You will notice that when you turn your system on the characters "N/A" are displayed indicating no document has been recalled from your **TAPE CASSETTE** or **DISKETTE DRIVE** and that you are free to **CREATE A NEW DOCUMENT**.

PG PAGE NUMBER

Up to 100 **PAGES** of text can be stored and linked together in a **DOCUMENT**. "PG" tells you what **PAGE** of that **DOCUMENT** you are **EDITING**. Currently, no **PAGE** number is indicated. Pages start at "00" up to "99".

LM and RM LEFT/RIGHT MARGIN SET

Reset to "05" and "75" each time the computer is powered on, these margin controls are used in precisely the same way as a standard typewriter.

MARGINS can be changed at will, but should normally be set before a new document is started. Also, the **MARGINS** are **SAVED** on diskette or cassette as part of the **DOCUMENT**.

LN LINE NUMBER

This indicator shows you what line you are currently **EDITING**.

#1 SCREEN NUMBER

By using as much of the computer's 64K memory as possible, **INSTA-WRITER** can **STORE FOUR** pages or **SCREENS** of text at one time even though you can **VIEW** only one **SCREEN** at a time.

This means that as you create text, you can write up to four pages before you must **SAVE** one or all four to your tape or diskette drive.

YOU HAVE FOUR SCREENS IN CONTROL MODE

You can change **SCREENS** by **HOLDING<CTRL>** (**CONTROL KEY**) and simultaneously pressing the "left arrow" key. Both **KEYS** are situated in the **UPPER LEFT HAND CORNER** of the keyboard. Notice that you **MUST** be in the **CONTROL MODE** (**MENU** is displayed) to change **SCREENS** (Press<F1>).

When the computer is activated, "#1" (**SCREEN 1**) is always displayed.

40 Column Screen

INSTA-WRITER is designed to allow the operator to create text using the Commodore-64 "40 COLUMN" screen format.

COMPUTERS AND YOUR T.V.

In other words, the SCREEN you are looking at shows just 40 columns of text at one time. Although it would be more convenient to show 80 columns of text at one time on your SCREEN, characters would have to be much smaller and your T.V. set is not designed to display them clearly.

Normal print out format for letters and correspondence on standard sized paper takes up about 80 columns of space. Therefore as you complete one line of text on the screen, you will be completing only about half a line on a standard sheet of eight and a half by eleven paper when it is printed out.

AUTO REPEAT KEYS

For example: **PRESS** any letter of the alphabet on the keyboard and hold it down firmly (you will see that it reproduces itself automatically until you let up pressure).

80 Column Print

Now, as you are pressing the letter, watch the column indicator increase as you reproduce the letter across the screen. Since the margins are set for an 80 column print out it will take **TWO LINES** on the 40 column screen to equal an 80 column print out on a standard sheet of paper.

Right Margin Indicator

Note the **ARROW** (it appears on your screen in **REVERSE VIDEO** or **BACKLIGHTED** in order to **EMPHASIZE** its position) that appears at column 76. This is the **RIGHT MARGIN** and designates the end of a **PRINTED** line, not a **DISPLAYED** LINE.

TYPING YOUR FIRST LINE

Starting from the **CENTER LINE**, text is created and is **SCROLLED** upward as each line is completed. This allows you to view an optimum amount of completed text.

EXAMPLE A

Now you are going to create a part of a document which we shall call "DEMO", short for "DEMONSTRATION".

RETURN TO MENU

Before you begin typing the text as it appears on the next page using your computer keyboard, you should **CLEAR** your page of the practice typing you have just done. **PRESS** <F1> to return to the **CONTROL (CTL) MENU**.

CLEAR PAGE

Now, while **HOLDING** the <CTRL>(CONTROL) KEY, **PRESS** #1, **CLEAR PAGE**. You will now see the question

CLEAR PAGE (Y/N) ?

at the bottom of your screen.

PRESS "Y"

By responding "Y" for YES, **INSTA-WRITER** will automatically ERASE ALL typed characters currently on the screen. The screen and page are now ready for NEW typing.

By typing "N" for NO, you may rethink your decision. You MUST answer "Y" or "N" before **INSTA-WRITER** will let you proceed.

In general **INSTA-WRITER** is very easy to use. ALL the CONTROL FUNCTIONS operate in nearly the same manner. ALL the large, SPECIAL FUNCTION KEYS, F1-F8 located at the right of your keyboard operate similarly.

PRESS F1

Now, **PRESS**<F1> once again to enter the EDIT MODE (typing mode). The CURSOR (the blinking light on the left part of your screen) should be blinking on the CENTER LINE at the LEFT MARGIN.

START TYPING

Now start typing just as you would on a TYPEWRITER using the example below. If you are not sure what to do, experiment as you would on a new typewriter. Try all the keys, develop familiarity.

Use the DELETE KEY for "striking out" mistakes. Use the CURSOR KEYS and the RETURN KEY for moving text UP and DOWN, backwards and forwards (Press either of the two SHIFT KEYS simultaneously with the CURSOR and RETURN KEYS for additional text movement).

REFERENCE CARDS

Refer to your "QUICK REFERENCE CARDS" for precise definitions of the CONTROL KEYS and SPECIAL FUNCTION KEYS as you progress.

MARK paragraphs using "F5" KEY

PRESS RETURN at the end of each HEADING

Continuous Typing begins

DOC N/A PG 00 LM 05 RM 75 LN 01 #1
05

> Don Anderson
> Cimarron Corporation
> 666 Baker Street
> Newport Beach, CA 92626
> Dear Don,
> Congratulations on your acquisition of Cimarron's
new word processing package for the
Commodore-64 computer.

PRESS 'F1' for MENU

RETURN KEY

Note that once the heading is completed (you should press the RETURN KEY at the end of each line), you may type continuously. At the end of each FULL text line (indicated by the MARGIN ARROW), if a word is too long to fit on a standard page (or within the bounds of your margins), **INSTA-WRITER** will AUTOMATICALLY move the ENTIRE word to the next line. This is called WORD WRAP and is a feature found only in the most sophisticated word processing packages.

WORD WRAP

REMEMBER . . .

This is a 40 COLUMN SCREEN. It takes TWO lines to equal ONE PRINTED LINE. **INSTA-WRITER** will not make a decision to automatically WRAP a word until it reaches the MARGIN ARROW.

HYPHENATION

If you choose to HYPHENATE a word in a sentence to allow for a more even print FORMAT, just insert a "-" (dash) at the MARGIN MARKER. This will OVERRIDE the WRAP feature. If you wish to join two words without a "hyphen" to make sure they WRAP together (for example, Commodore 64), just type an "←" (HORIZONTAL ARROW) (the same KEY that in the CONTROL MODE changes SCREENS) located in the UPPER LEFT CORNER of your keyboard.

HEADINGS & PARAGRAPHS

When typing HEADINGS, STARTING PARAGRAPHS or LEAVING BLANK LINES, use the special function key, "F5" to "turn on" this feature. A small ARROW located at the left of your screen, tells you this feature is activated.

PRESS <F5>

<F5>helps control the structure of the text when you are INSERTING, DELETING and EDITING your documents.

LINE NUMBERS OFF

All HEADINGS, PARAGRAPHS, TITLES, STAND ALONE TEXT and BLANK LINES should be preceded by an <F5> ARROW. <F5>applies ONLY to one line at a time. Note that when <F5> is pressed, line numbers disappear. More on this in the QUICK REFERENCE SECTION.

CONTINUOUS TYPING

When typing in the BODY of text, no "CARRIAGE" RETURNS<CR>are necessary, **INSTA-WRITER** will do this for you automatically. When you are ready to start a new PARAGRAPH or LINE of text, use the RETURN KEY to move the CURSOR to the beginning of the next line, PRESS<F5>and start typing.

CENTER LINE

This is the "WORK" line for creating text. As you create text, you will notice the characters you type will appear in a different SHADE or color than the text above and below the CENTER LINE. This is for easy visual reference.

Moreover, **INSTA-WRITER** reproduces all your key strokes on this line. This allows you to see an optimum amount of text both above and below the line you are working on at any given time.

JUST LIKE A TYPEWRITER . . . BUT WITH BRAINS!

As you experiment with **INSTA-WRITER**, you will note many similarities between the computer keyboard and a TYPEWRITER.

But **INSTA-WRITER** is much more than a mere typewriter. It's smart!

USE REFERENCE CARDS

You need to thoroughly practice with **INSTA-WRITER** before trying your first real document. Use your REFERENCE CARDS. You will soon discover that after just an hour's work, you will need very little assistance.

TYPEWRITER VS. INSTA-WRITER

INSERT/DELETE CHARACTERS

INSTA-WRITER DELETES characters by pressing the INST/DEL KEY found in the upper right corner of the keyboard. It also INSERTS characters simply by pressing either SHIFT KEY and the INST/DEL KEY.

Note that you can INSERT just one character or many characters AUTOMATICALLY.

CURSOR KEYS

The CURSOR and RETURN KEYS are for moving THROUGH text.

They are located at the bottom right of your keyboard and are marked CRSR (UP/DOWN), CRSR (SIDEWAYS) and RETURN.


Use the SHIFT KEYS to CHANGE DIRECTIONS, UP or DOWN, LEFT or RIGHT.

MARGIN TABS

MARGINS and TABS are familiar terms. While the procedure in setting up these features are different from your typewriter, they are generally easier to set and to use.

SPECIAL EFFECTS

Use the following KEYS for SPECIAL EFFECTS:

KEYS	SYMBOL	EFFECTS
SPECIAL FUNCTION	F1 — F8	Editing commands
CONTROL (CTL)	<CTRL>	MENU commands
COMMODORE		Colors
RUN/STOP		Disk/Tape Abort

Refer to your REFERENCE CARDS for uses, definitions, features and benefits.

DOCUMENT MANAGEMENT

SAVING TEXT

Even though you have typed only part of a document, it is time to learn how to SAVE, LOAD and list a DIRECTORY of document(s) on diskette. **PRESS** <F1> to return to the CONTROL MODE and the main menu.

Now Select MENU #2 by **PRESSING** the SPACE BAR and **PRESS** <CTRL> KEY and #2 simultaneously. **INSTA-WRITER** will ask you for the name of your document to be SAVED or stored on diskette or cassette.

Type in "DEMO", the name of our test document and **PRESS** RETURN KEY.

INSTA-WRITER will now ask you the PAGE NUMBER. Since this is the first and only page of our document, simply **PRESS** RETURN KEY and **INSTA-WRITER** will insert "00" for you.

CONFIRM that you wish to SAVE your document by answering "Y" for YES to the question SAVE (Y/N) ? at the bottom of your SCREEN. If you are SAVING to cassette, you must press the record & play buttons.

INSTA-WRITER will now SAVE your document. Refer to your QUICK REFERENCE CARD for details on diskette/cassette procedures.

DIRECTORY <CTRL>+ #1

List a DIRECTORY for your diskette (you cannot use the DIRECTORY feature on cassette because it would take too long) and notice that "DEMO 00" is now SAVED.

LOAD <CTRL>+ #3

LOAD "DEMO" using the same procedures as SAVING and referring to your QUICK REFERENCE CARD for more information, if required.

PRINT <CTRL>+ #4

Using MENU ITEM #4, PRINT "DEMO" on your printer. Examine it. EDIT or change the text if it has not printed correctly by pressing the<F1>KEY. Then PRINT again until you are satisfied.

Practice with these four features until you are comfortable.

SUMMARY

You have now performed all the basic features of **INSTA-WRITER**. Type a document of your own using the knowledge you have gained. Refer to specific sections of the User's Guide to try advanced features such as RANGE, line DELETE/INSERT and SAVE ABORT (RUN/STOP KEY).

INSTA-WRITER is an efficient, forgiving tool. Think before you leap and your letters, papers, documents, and lists will be neater, more organized, and . . . INSTAntly at hand.

INSTA-WRITER QUICK REFERENCE CARDS

CONTROL (CTL) MODE

EXPLANATION

INSTA-WRITER has two MODES of operation; CONTROL and EDIT (DOCUMENT).

CONTROL MODE accesses all functions from the MENU. EDIT MODE is for TYPING or EDITING (changing, deleting, adding) text.

To operate **CONTROL (CTL)** functions from **INSTA-WRITER'S** MENU, you must **HOLD DOWN** the KEY labeled <CTRL> at the same time you **PRESS** the NUMBER of the desired function.

To CHANGE MENUS, PRESS the SPACE KEY (BAR).

This section defines **INSTA-WRITER'S** CONTROL functions.

MENU 1

- 1.) **CLEAR** This function CLEARS the SCREEN of text you are currently working on. It is commonly used for erasing unwanted text or text that has already been SAVED to tape or diskette.

INSTA-WRITER always asks you to CONFIRM by pressing the "Y" for YES KEY before the text is erased.

- 2.) **MARGINS** MARGINS allow you to set new margins on demand. **INSTA-WRITER's** MARGINS are preset at a LEFT MARGIN of 5 and a RIGHT MARGIN of 75. MARGINS cannot be LESS than 20 characters.

NOTE

You may set or reset MARGINS at any time, although it is recommended that you decide on MARGINS before you begin your work. In some cases when changing MARGINS, additional EDITING will be required. SAVE your document before you change margins.

- 3.) **RANGE** Unlike typewriters, once you have typed a line of text or a paragraph, you cannot MOVE it to another place in your document. RANGE allows you to SELECT a segment or BLOCK of text, from a MINIMUM of ONE line to a MAXIMUM of ONE FULL SCREEN and MOVE it from one location to another, either on the same SCREEN or on another SCREEN (there are FOUR screens for text and ONE hidden SCREEN called a MEMORY BUFFER where your current RANGE can be stored for future use.

DEFAULT

When RANGE is activated **INSTA-WRITER**, automatically assumes you want TWO SCREEN LINES or ONE PRINTED LINE to be MOVED. This is called a DEFAULT selection because all you have to do is PRESS the RETURN KEY and the number of the line you are currently working on will be selected for MOVEMENT.

If several lines are to be MOVED, you need only type in the BEGINNING RANGE NUMBER, **PRESS** RETURN, type the ENDING RANGE NUMBER and your selection is made.

You may use RANGE DELETE, COPY and MOVE *without* STORING selected RANGE text, but only within the SCREEN you are working on.

4.) STORE

STORE is used to SAVE in the RANGE STORAGE BUFFER (part of the main memory of your computer) the coordinates most recently keyed into RANGE (select), MENU ITEM #3. STORE is *only* used with MENU ITEM #8, RANGE RECALL.

You need *only* STORE a RANGE when you wish to MOVE text from one SCREEN to another SCREEN, *not* when you are moving text *within* a SCREEN.

NOTE

Note that changing MARGINS will ERASE the text currently STORED in the computer's RANGE BUFFER.

5.) DELETE

RANGE DELETE is useful in situations requiring a large amount or a BLOCK of text to be ERASED within a SCREEN. Once RANGE has been selected, you simply **HOLD DOWN CTRL** and simultaneously **PRESS** the #5 KEY.

INSTA-WRITER will ask you to CONFIRM deletion by **PRESSING** the "Y" KEY (YES).

6.) COPY

Use RANGE COPY to *duplicate* text found in one location to another location WITHOUT ERASING the original. Only works WITHIN a SCREEN.

7.) MOVE

Use RANGE MOVE to *remove* text found in one location and then *move* it to another location. Only works WITHIN a SCREEN.

8.) RECALL

Use RANGE RECALL in conjunction with #4 RANGE STORE to *copy* text or a BLOCK of text from one SCREEN to another SCREEN.

See the NOTES SECTION for more details on RANGE.

MENU 2

Whereas MENU 1 is associated with TEXT and TEXT MOVEMENT, MENU 2 is designed to interact with your COMPUTER PERIPHERALS such as the CASSETTE TAPE, the DISKETTE DRIVE, and the PRINTER.

MENU 2 is displayed by pressing the SPACE KEY.

1.) DIRECTORY

This function allows you to quickly and easily see on your SCREEN the NAMES of the documents SAVED to your DISKETTE DRIVE.

It can be compared to looking at a TABLE OF CONTENTS in your favorite book. DIRECTORY will tell you what the NAMES of your documents are and what PAGE NUMBER, if any.

You will find that you will use DIRECTORY often as you begin to create and SAVE more documents.

DIRECTORY is also very useful when LOADING documents from diskette into your computer's main memory. You need to know the *exact* name of the document in order to LOAD it.

PRESS the CTRL KEY and the #1 KEY together for DIRECTORY. After displaying the DIRECTORY, **INSTA-WRITER** will tell you to **PRESS** the RETURN KEY and the main SCREEN will be displayed once again.

DIRECTORY can be used at any time. Existing TEXT will remain intact on your SCREEN. Allow *three seconds* for display.

2.) SAVE

This feature serves a very important function. Once you have completed a SCREEN of TEXT and you wish to SAVE it for posterity or for future EDITING, **PRESS** CTRL and #2 at the same time.

Now type the NAME you wish to call the document. Note that you have only *eight* letters for the NAME. If you wish to assign a PAGE NUMBER, type that in too. Selections range from "00 to 99", or 100 pages in one document. Default is "00".

Notice that **INSTA-WRITER** will CONFIRM that you wish to SAVE the document currently on the SCREEN. This is to make sure that you do not SAVE over a document with the *same* NAME on your diskette or tape.

NOTE

Allow about *two minutes* for each SCREEN to be SAVED to TAPE and *thirty seconds* for SAVING to diskette.

Each SCREEN is SAVED separately. If you have a document that is more than one PAGE (or SCREEN), you must SAVE them separately assigning the same NAME but different PAGE NUMBERS.

See the NOTES SECTION for more on SAVING documents.

3.) LOAD

Once you have SAVED a document to TAPE or DISKETTE, it is important to be able to RECALL it for PRINTING, EDITING, or just READING.

LOAD allows you to do this.

After pressing <CTRL> and #3 simultaneously, type in the name of the document you wish to view, including the PAGE NUMBER, if applicable.

After a short period (about *two minutes* for the tape drive and about *thirteen seconds* for the diskette drive) your document will be displayed.

NOTE

If you have KEYED in a document NAME that is not listed in **INSTA-WRITER's** DIRECTORY, the FRAME of your SCREEN will change color and an ADVISORY message at the bottom of your SCREEN will announce an ERROR CONDITION exists. Simply **PRESS RETURN** and try again or list the DIRECTORY to be sure you are *spelling* your document correctly.

REMEMBER!

Computers and computer programs are very LITERAL. They require *precise* instructions in order to operate correctly. If **INSTA-WRITER** receives an INVALID COMMAND or instruction or cannot *find* something you have asked it to, chances are you have typed in a wrong instruction.

4.) PRINT

PRINT, of course, means PRINT out your document. When a compatible printer (a printer that understands the 64's language) is attached each SCREEN page may be printed out at any time.

Once again **INSTA-WRITER** asks you to CONFIRM that you wish to PRINT and then will do so. If the printer is not hooked up properly an ERROR MESSAGE will appear. Check the connections and be sure the printer is on.

Any one of the FOUR SCREENS may be printed by simply selecting the SCREEN NUMBER and PRINT.

See NOTES SECTION for more on PRINTING.

5.) INTERFACE

This is a *special feature* set aside for connecting **INSTA-WRITER** to other programs such as a MAILING LIST program or the HELP MENU. Other uses are reserved for supporting letter quality printers.

INSTA-WRITER QUICK REFERENCE CARDS

EDIT DOCUMENT MODE — SPECIAL FUNCTION KEYS

EXPLANATION

The SPECIAL FUNCTION KEYS are the OVERSIZE KEYS located on the right hand side of your computer keyboard. There are FOUR KEYS each with TWO functions for a total of EIGHT SPECIAL FUNCTIONS.

8 FUNCTIONS

Each KEY is labeled with two numbers; one on top of the KEY, another on the front side. By simply pressing a KEY, the top number function is activated. By HOLDING DOWN either of the two SHIFT KEYS and pressing the KEY, the front side number is activated.

SOME KEYS ARE "TOGPLETS"

For example, by alternately pressing <F1>, you will change from CONTROL MODE with the MENU displayed to EDIT DOCUMENT MODE where all TYPING occurs and back to CONTROL MODE again. These are referred to as electronic "TOGPLETS" (from TOGGLE switches — widely used in the automotive, electronic and aviation industries) and operate just like ON and OFF switches in your home . . . except ONE push is ON and the next push is OFF. Very simple, very clever.

By HOLDING DOWN either SHIFT KEY, <F2> becomes activated and the TEXT LINE NUMBERS are turned on and off.

A few of the FUNCTION KEYS have a different purpose in the CONTROL MODE. These are also described.

EDIT DOCUMENT MODE F1

<F1>KEY EDIT/CTRL

<F1> allows you to go back and forth between the CONTROL MODE where the MENUS are displayed and EDIT DOCUMENT MODE, where all typing is done.

You may switch MODES at anytime during text preparation or editing.

<F2>KEY LINE NUMBER TOGPLET

<F2> turns the LINE NUMBER INDICATORS on and off. PRESS the SHIFTED F1 (which is actually F2) once and the mode is either activated or de-activated depending on prior positioning.

LINE NUMBER INDICATORS are used most often when EDITING or the RANGE feature is activated. Thus when selecting a RANGE of text to be moved, copied or deleted, you will instantly know what lines are involved.

<F3>KEY TAB

<F3> moves the CURSOR to the NEXT TAB POSITION. The TAB is marked with an "*" (asterisk) at the top of your INSTA-WRITER screen.

Note that when INSTA-WRITER is activated each time, the TABS (and MARGINS) revert to a PRESET value. This is done for your convenience.

<F4>KEY TAB SET

<F4> SETS TABS. This is a TOGLET. One setting is TAB ON, the other is TAB OFF.

<F5>KEY LINE MARKER

<F5>turns the PARAGRAPH and SKIPPED LINE ARROW (marker) on and off. When this feature is on, an ARROW appears in the NUMBER BLOCKS on the left side of your SCREEN. Note that activating <F5> *automatically* turns off the LINE NUMBER feature.

The use of this TOGLET is harder to understand because there is no direct comparison with the typewriter.

You should always use this ARROW marker when:

- * Starting a paragraph or stand alone line
- * Skipping a line (lines with no text or blank lines)

Now, when EDITING a document and BLOCKS of words must be moved or INSERT/DELETE functions are used, the structure of your text will remain intact. Practice will show you the way.

<F6>KEY CENTERING

<F6>automatically CENTERS the line you are working on. It also automatically inserts a PARAGRAPH marker.

You may CENTER as many lines as you wish. CENTERING is a PRINTER function and is indicated on your screen with the small letter "c" next to the PARAGRAPH MARKER. No CENTERING appears on your SCREEN.

<F7>KEY SCROLL DOWN

<F7> is *not* a TOGLET. By pressing <F7> you SCROLL or move your SCREEN DOWN 9 lines. This enables you to quickly move through text for faster EDITING.

<F8> SCROLL UP

<F8> SCROLLS the SCREEN UP 9 lines at a time.

By moving the SCREEN 9 lines up and down, you can quickly view a complete new SCREEN of text. Only the top or bottom line from the previous SCREEN shows to provide a thoughtful reference point. Nice, huh?

CONTROL MODE

When in the CONTROL MODE, some FUNCTION KEYS have different characteristics.

<F3>KEY UNDERLINING

<F3> is a TOGLET that causes the CENTER LINE, i.e., the line you are currently working on or viewing, to become UNDERLINED. By turning this feature on, you can UNDERLINE any line, one at a time, as many as you wish.

The line(s) to be UNDERLINED appear(s) in REVERSE VIDEO (backlighted) on your SCREEN.

On PRINTERS which support UNDERLINING (the Commodore 1525 does not support UNDERLINING), each designated printed character will be underscored.

WORDS CAN BE UNDERLINED AS YOU TYPE IN EDIT MODE

Individual words can also be UNDERLINED by HOLDING DOWN the CONTROL<CTRL>KEY and PRESSING the #9 KEY. In the CONTROL MODE, this KEY becomes the ON KEY while #0 KEY is the OFF KEY.

<CTRL>plus ON turns the UNDERLINE option on.<CTRL> plus off, turns it off. No problem. But you *must* be in the EDIT DOCUMENT MODE for it to work.

<F4>KEY CLEAR TABS

<F4>is used to CLEAR ALL TABS in one easy keystroke when in the CONTROL MODE.

<F7, F8>KEYS SCROLLING

Because the WORK WINDOW is smaller in the CONTROL or MENU MODE, text will only move up and down 5 lines. Otherwise these KEYS perform the same function as they do in the EDIT DOCUMENT MODE.

SPECIAL KEYS – CONTROL MODE

CTL + ARROW

CHANGE SCREENS – Four SCREENS are available for creating text. Remember . . . hold<CTRL>and press the HORIZONTAL ARROW KEY found at the top left of your keyboard.

CBM + #

CHANGE COLORS – By HOLDING DOWN the COMMODORE KEY and pressing numbers 1 through 8, SCREEN colors may be changed.

CTL + #

MENU selections – Hold<CTRL>and press the corresponding number to choose CLEAR, RANGE, DIRECTORY etc.

DELETE

DELETE in the CONTROL MODE, deletes the CENTER line of text. This is very useful for expurgating lengthy documents and can be used instead of RANGE DELETE.

INSERT

INSERTS a "blank" line ABOVE the CENTER line. This is most often used when more text space is needed in a document.

SPECIAL KEYS – ALL MODES

RETURN

RETURN moves text DOWN two SCREEN lines and one printer line.

SH + RETURN

SHIFT plus RETURN moves text UP two SCREEN lines and one printer line. Hold SHIFT down and PRESS RETURN.

CLEAR

CLEAR (SHIFTED HOME) moves the CURSOR to TOP OF SCREEN.

SH + POUND

SHIFT plus the ENGLISH POUND sign, located to the left of the CLEAR/HOME KEY, moves CURSOR to the BOTTOM OF SCREEN.

SPECIAL KEYS — EDIT MODE

- DELETE** DELETE in the EDIT DOCUMENT MODE, deletes one character at a time. If the DELETE KEY is held down, it will repeat itself continuously.
- INSERT** INSERT is a TOGGLE which, allows you to CONTINUOUSLY INSERT new characters *until* the DELETE KEY, either one of the CURSOR KEYS, the RETURN KEY or the RUN/STOP KEY is pressed.
- Note that text is automatically moved forward up until the next PARAGRAPH ARROW MARKER. Paragraphs are moved forward as a BLOCK until the end of page (SCREEN) has been reached.
- When the DELETE KEY is used, all text UP TO THE NEXT PARAGRAPH MARKER is moved back one space.
- HOME** HOME is an easy way to move the CURSOR to the TOP OF LINE.
- CURSORS** CURSOR KEYS are used for HORIZONTAL and VERTICAL movement, UP one SCREEN line and SIDEWAYS one character. Use the SHIFT KEYS to reverse direction.
- Hold the KEYS down for AUTO REPEAT.
- The HORIZONTAL CURSOR KEY is especially useful.
- VERTICAL movement is better served with the RETURN KEY, <F7> and <F8>, CLEAR/HOME and the ENGLISH POUND KEY.
- WORD UNDERLINE** By pressing the <CTRL>KEY and the #9 KEY, or the ON KEY (must be in the EDIT MODE), WORD UNDERLINING is activated. Turn OFF UNDERLINING with the OFF KEY, <CTRL>plus #0. KEYS are marked ON/OFF on the face.
- RUN/STOP KEY** Used to stop or ABORT a diskette or cassette operation, SAVING or LOADING.

NOTES ON USING INSTA-WRITER

SCREENS, PAGES, MARGINS, PAGE LENGTH

For the most part, the terms SCREEN and PAGE are used interchangeably. A SCREEN of text is usually a PAGE of text depending on what your margin settings are.

For example, with margins set at 05 and 75, one SCREEN of text will correspond to ONE printed PAGE of text. If your margins are 05 and 40, your SCREEN will be filled with text, but only about half a page of text will be printed out (if you are confused, try it and you will see . . .).

Two lines of text on your screen equal *one line* of text on your printer at the PRESET margin setting of 05 and 75.

SCREEN length is FIXED at 62 lines. This corresponds to the approximate length (66 lines) of a standard EIGHT and a HALF by ELEVEN page commonly used in America with standard margin settings. Allowing for top and bottom of page margins, 62 lines works great.

Now, built into **INSTA-WRITER** is a MEMORY WARNING which appears at the bottom right center of your SCREEN when line 59 is started. This warning indicates that only a few lines remain BEFORE you run out of space. It's sort of like your ancient typewriter's *bell* going off as you near the right margin limit.

You must EDIT each SCREEN (page) before going to the next SCREEN. For example, let's say you are writing a multi-page letter. As you come to the end of the first page, **INSTA-WRITER** will WARN you that the end of page is nearing at line 59. You should now be prepared to continue on page two (SCREEN 2) and edit your text i.e., center a page number, end a paragraph and so on.

The RULE of THUMB in doing multi-page documents is to try to leave enough room on each page to be able to ADD more text later. Get in the habit of planning each page *using about 55 lines* of text. Then you have enough space for changes, if needed, later on.

Each SCREEN (page) stands alone as a completed document. It is SAVED, LOADED and PRINTED separately. Only the page number differentiates it from another PAGE with the same name. You cannot continue AUTOMATICALLY to the next page, you must EDIT and FORMAT yourself.

WORKING WITH MARGINS

MARGINS should normally be SET before a new document is started. While **INSTA-WRITER** allows you to change MARGINS anytime, the rule of thumb says establish your MARGINS in the beginning and less editing and reformatting will be necessary. This is especially important if you are MOVING text from one SCREEN and one MARGIN width to another SCREEN with different MARGIN width.

REFORMAT

MARGINS are part of the RANGE BUFFER. When changes occur they affect all aspects of text and text movement. Often, when MARGINS are changed after text has been created, you must reformat it.

This means you must take the text that was correctly spaced and positioned and add the spaces and line positions back in. For example, **INSTA-WRITER** will compress text which is moved from a SCREEN with wider MARGINS than the SCREEN it is moving to. If MARGINS are the same no reformatting or editing is required.

MARGIN ERRORS

If **INSTA-WRITER** cannot correctly restructure MARGIN SETTINGS i.e., text will not *fit* in the existing space, a MEMORY ERROR message will flash indicating the job can't be completed as directed. PRESS the RETURN KEY to clear.

Sometimes this will FLASH twice because RANGE has also been affected. Simply PRESS the RETURN KEY *again*. Now, **INSTA-WRITER** will restructure the text or document to fit in the widest possible MARGIN setting to make sure everything remains intact.

NOTE

During this restructuring process, **INSTA-WRITER** must do an enormous amount of recalculating especially if your SCREEN is full of text, so allow up to *13 seconds* for completion of the process. The KEYBOARD will "lock up" temporarily and the MENU will disappear only to come back after the work is done.

SAVE TEXT FIRST

If you find that you MUST radically change MARGINS, it is always a good idea to SAVE your document before attempting any changes.

CREATING/EDITING TEXT

PARAGRAPH MARKERS <F5>, are used to delineate new paragraphs, separate lines of text and with skipped (blank) lines. The MARKERS indicate to **INSTA-WRITER** when and how to manage formation of text. For example, when deleting or inserting text, MARKERS are used for reference points and to help keep formatting correct.

Every paragraph, separate line and the blank lines between separate lines should carry the ARROW " > " indicating a MARKER has been inserted.

Generally speaking, if you do not use the PARAGRAPH MARKERS, editing a document becomes more of a problem. Time and practice will show you the way.

USING RANGE FEATURE

The RANGE feature is used for three basic reasons in two different scenarios: MOVING, DUPLICATING and DELETING text

IN a SCREEN

BETWEEN SCREENS

RANGE DELETE, COPY and MOVE are used to DELETE (erase), COPY (duplicate) or MOVE (deletes the original) text *within* a SCREEN document. RANGE, STORE and RECALL are used to locate a RANGE of text, STORE it in the MEMORY BUFFER and then RECALL it to *another* SCREEN.

IN
SCREEN

For example, assume you are MOVING (removing text from one location) lines 3 through 9 to lines 20 to 26. First select RANGE<CTRL>#3 and type in

RANGE START : 06 END : 09.

Now, still in the CONTROL MODE, move down to *line 27* and position it on the CENTER LINE (you will know you are on the CENTER LINE since it is displayed in a different color or a different shade than the rest of the text.)

PRESS <CTRL>#7, wait about 2 seconds, and lines 3-9 are ERASED and immediately inserted at lines 20-26. MOVED or COPIED text is always inserted *at the line ABOVE* the CENTER LINE.

Usually, the most complicated editing will require use of RANGE, RANGE STORE and RANGE RECALL in *multiple paged documents*.

BETWEEN SCREENS

Let's imagine that you have a four page document stored in MAIN MEMORY. By changing SCREENS, you can view each page, one by one. Now let's say you want to INSERT BLANK LINES in SCREEN 1 so that you can add more text.

Assuming again that page 1 is FILLED, i.e., the MEMORY WARNING sign is illuminated, you must first COPY text from SCREEN 1 to SCREEN 2 to make room for more typing.

By using the LINE NUMBERS (feature activated by F2) this is a simple task. For example, moving lines 55 through 62 to SCREEN 2 requires that a RANGE be SET (55 to 62), STORED, then SCREEN two displayed and scrolled to the CENTER LINE where you want your text positioned and finally RECALL <CTRL>#8) to COPY and DISPLAY text.

Next, you should come back to SCREEN #1, select RANGE 55 to 62 <CTRL>#3) once again and then DELETE <CTRL>#5) it. Note that you do not have to STORE the RANGE in the BUFFER in order to DELETE IT.

A little complicated perhaps but effective, and ever so much easier than on a typewriter . . . in fact, not *even* possible on a typewriter.

CHECK MARGINS

Be sure that your margins are the same from SCREEN to SCREEN or you will be required to do some more EDITING before printing.

NOTE

Also, when RECALLING text from one SCREEN to another, it can take up to 6 *seconds* for the event to occur. The rule of thumb is the more lines of text to move, the more time **INSTA-WRITER** will need to do it. NO messages are displayed when RANGE is in operation — just be patient and wait for the MENU SELECTIONS to reappear signaling completion.

ANOTHER NOTE

Once you have used a RANGE, you can't use it again unless you STORE it. When there is no RANGE in the BUFFER, **INSTA-WRITER** will flash a colorful ERROR message unless you live in monochrome.

ERROR MESSAGES

Every once in a while, **INSTA-WRITER** will give you an error message such as **ERROR I/O . . . PRESS RETURN** (I/O is computer talk for INPUT & OUTPUT — meaning either a command was not received or sent). This generally occurs during a **SAVE**, **CATALOG**, **LOAD** or **PRINT** condition and either the disk, tape drive or printer are not hooked up properly. Check them out.

By **PRESSING RETURN** you will be returned to the **CONTROL MODE** with the **MENU** displayed.

RANGE ERRORS The message **ERROR — NO RANGE PRESS RETURN** occurs when no **RANGE** has been set or when you try to use a **RANGE FEATURE** such as **DELETE**, **MOVE**, or **COPY** between **SCREENS**. Only **RANGE RECALL** is used to migrate text between **SCREENS**.

MEMORY ERRORS If you are doing **MARGIN** resets (usually make them smaller *after* you have completed a **SCREEN**) or **MOVING** text and you are close to the **MEMORY** limits of a **SCREEN**, **INSTA-WRITER** will flash the message **ERROR: MEMORY . . . PRESS RETURN**. You must then reformat your **SCREEN** within the **LIMITS** of **MEMORY** or leave it as it is. Other than the **MEMORY** indicator, no other specific **ERROR** messages are given. **ERROR** messages remain general due to the compact size of the program.

OTHER ERRORS The only other **ERRORS** you might encounter will be attributable to the **SYSTEM** i.e., hardware failure (computer, disk, cassette or printer), software error, diskette or cassette failure. These are generally rare occurrences but must be identified and fixed by contacting the appropriate authority.

ERROR RECOVERY **RECOVERY** is almost always pressing the **RETURN KEY**. You will notice the border of your **SCREEN** changing color during an **ERROR CONDITION**. This is to make sure you get the message.

KEYBOARD LOCKUP Infrequently you will start a procedure only to find the **KEYBOARD** completely inoperative or "locked up". This is usually due to a cable coming loose or a peripheral being turned on after you have been working for a while. For example, if you have been typing with the printer connected but not activated, lockup may occur when the printer is turned on.

FIXING IT First, try removing the printer cable or turning it on and off to clear the line. Re-attach it and try again. If it doesn't seem to work, try to **SAVE** your document, shut down the whole system and start again.

Always remember to *deactivate* your computer when inserting the **INSTA-WRITER** cartridge.

TURN ALL COMPONENTS ON AT START UP The **RULE** of **THUMB** is *always* turn **ALL** your equipment on when operating your computer. Remember, it is a **SYSTEM**, not just separate units cabled together.

SAVING YOUR DOCUMENTS

You should **SAVE** documents as often as possible to prevent unnecessary loss of text. You can only **SAVE** one **SCREEN** at a time. There are two reasons for this: a.) **INSTA-WRITER** is a **PAGE** or **SCREEN** oriented program and, b.) since it takes a substantial amount of time to **SAVE** one **SCREEN** to diskette or cassette, it is faster and more prudent to **SAVE** one at a time.

SAVE TO TAPE When **SAVING** to **TAPE**, you must **CONFIRM** by answering "Y" to the interrogative **SAVE TO TAPE (Y/N)?**, then **INSTA-WRITER** tells you to **PRESS RECORD & PLAY** simultaneously on your **DATASETTE**.

Now, your **SCREEN** will go **BLANK** for about 2 minutes while your document is being **SAVED**. When the document has been **SAVED**, the **MENU** is re-displayed.

TAPE COUNTER Each document must have a document **NAME** and an optional page number. You should allow *50 clicks* between documents. In other words, document **A** should be **SAVED** at 0 on the tape counter, document **B** at 50, document **C** at 100 and so on.

RUN/STOP FOR ABORT The **RUN/STOP KEY** is normally not used. However, it is useful in **ABORT** situations. For example, let's say you are **SAVING** a document to **TAPE** or disk and you change your mind.

PRESS the **RUN/STOP KEY**, **ERROR I/O . . . PRESS RETURN** will appear, **PRESS RETURN** and **PRESTO**, you are back to the **MENU**.

RESET CASSETTE Note however, that if your **CASSETTE** is still in the **RECORD MODE**, the message **STOP CASSETTE** will appear in the bottom left part of your **SCREEN** until you have **STOPPED** or turned off your **CASSETTE . . .** then the **MENU** will reappear.

SAVE TO DISKETTE This is a thirty second task, can also be **ABORTED** and is a straightforward procedure described on your screen.

PRINTING YOUR DOCUMENTS

There is no mystery to **PRINTING** your documents.

You may print at anytime by simply pressing <CTRL> and #4, **CONFIRM** with a "Y" to the interrogative **PRINT (Y/N)?** and away she goes. You may **ABORT** printing simply by turning your printer **OFF** and back **ON** again.

1525 PRINTER **INSTA-WRITER** is programmed to operate with the **COMMODORE 1525** printer. This printer does not support **UNDERLINING** but does support **CENTERING**.

SERIAL PRINTERS Other compatible printers that operate through the **SERIAL PORT** and emulate the 1525 should, under normal circumstances, also operate.

OTHER PRINTERS **INSTA-WRITER** will also support other selected **NON-COMMODORE** printers. Separate software is on diskette and is accessible through the **INTERFACE MENU** selection #5.

INTERFACE MENU

The INTERFACE MENU is reserved for accessing special diskette programs written to expand and enhance **INSTA-WRITER**.

For example:

A HELP MENU that lists all pertinent **INSTA-WRITER** commands, control keys and special functions on the SCREEN.

A MAIL LIST, called **INSTA-MAIL**, for merging letters and names, sorting them, printing and making mail labels.

A PRINTER selection list, for operating compatible printers.

UTILITIES for DELETING documents and NEWING or FORMATTING diskettes.

PROTECTING YOUR DOCUMENTS

As with any system, it is always prudent to maintain "BACKUP" copies of your important diskettes. Use the approved Commodore diskette backup procedures to make duplicate copies of your document disks.

Moreover, keep extra "PRINT OUTS" of your most important documents (if you are using a cassette recorder where tape duplication is more difficult this is especially important). In this manner, you will have two sources for recreating them if the need arises.

MORE INFORMATION

For information on these and other *enhancements* or other Cimarron products, write or call:

Micro-Sci Marketing
2158 South Hathaway Street
Santa Ana, CA 92705
(714) 662-2801 * Telex 910-346-6739

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THE GUIDE

This USER'S GUIDE is designed to provide the operator with all the information needed to successfully operate **INSTA-WRITER**.

Once the basic features of **INSTA-WRITER** have been learned, very little reference to the USER'S GUIDE should be necessary.

ABOUT THE INSTA-WRITER CARTRIDGE

INSTA-WRITER uses just 8000 characters of READ ONLY MEMORY (ROM) and has been engineered to fit in a ROM PACK which inserts in the CARTRIDGE SLOT of the Commodore-64 Computer System. We believe it to be the first CARTRIDGE based word processing system available on the market. CARTRIDGE, or SOLID STATE SOFTWARE, provides unparalleled convenience and ease of use for the computer novice. **INSTA-WRITER** is written entirely in native machine code.

It is planned to introduce a series of product enhancements over the useful life of **INSTA-WRITER** which will make the package even more effective for a larger number of people and a larger number of applications.

We sincerely hope that you will enjoy **INSTA-WRITER**. For its size and price, we feel that it is one of the most effective and unique word processing systems available on any personal computer system.

COLOR T.V. ADJUSTMENT

Color televisions have unique operational characteristics. Intensity, hue and brightness variances are often substantially different from set to set. To achieve the best results follow the instructions found in your Owner's Manual for T.V. adjustment and the Commodore-64 User's Guide.

CIMARRON

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