

From the makers of **MICROPROOF**:



SERIAL NO. 32464

Electric Webster

Spelling Checking Program for Microcomputers



- **FAST** - Can proof ten pages in a minute
- **EASY** - Operates at the stroke of a key
- **COMPLETE** - Full 50,000-word literal dictionary
- **COMPACT** - Fits on one 5¼ inch double density disk
- **ACCLAIMED** by users and reviewers alike

CORNUCOPIA



SOFTWARE, INC.

COPYRIGHT 1982 - CORNUCOPIA SOFTWARE, INC.

The ELECTRIC WEBSTER USER'S MANUAL that you are now reading was written by Tandra Hamlin with assistance from Richard Bidleman, Philip Manfield and James R. Frank.

ELECTRIC WEBSTER was written by Philip Manfield, for Cornucopia Software, Inc. The Model II Scripsit integration as well as several system conversions were written for Cornucopia Software, Inc. by John Rompel.

ELECTRIC WEBSTER DICTIONARY SOFTWARE and this Manual are the sole property of Cornucopia Software, Inc., which retains all copyrights. Any unauthorized duplication of this material constitutes a violation of federal copyright law.



CORNUCOPIA SOFTWARE, INC.

Post Office Box 5028
Walnut Creek, California 94596
(415) 524-8098

ELECTRIC WEBSTER USER'S MANUAL

TABLE OF CONTENTS

	PAGE
INTRODUCTION	
.....	
USING ELECTRIC WEBSTER	
Section 1 - Using Correcting Electric Webster	1-1
Section 2 - Using Standard Electric Webster	2-1
Section 3 - Adding Words to Electric Webster's Dictionary	3-1
Section 4 - Deleting Words from Electric Webster's Expansion Dictionary	4-1
APPENDICES	
Appendix A - Files Included with Electric Webster	A-1
Appendix B - Working Disk Preparation	B-1
Appendix C - Patching Instructions to Integrate Electric Webster with Word Processing Programs	C-1
Appendix D - Words Electric Webster Identifies as Potential Errors.....	D-1
Appendix E - EXAMPLE 1, Proofing Text with Correcting Electric Webster	E-1
Appendix F - EXAMPLE 2, Expanding and Editing Electric Webster's Dictionary	F-1

problems with

WRITE PROTECTION:

Some people using Electric Webster on TRS-80 Model I and Model III have reported confusion that is related to disk space management and write protection. We hope to avoid this confusion by including these notes.

1. Correcting Electric Webster begins by saving your file under the file name which you give. Consequently, if that file name is already on the directory of one of the disks currently in one of your drives, Electric Webster will try to save your document to that disk. IF THAT DISK HAS A WRITE PROTECT TAB ON IT, AN ERROR WILL OCCUR and your document will not get proofed. In addition, ADDTODIC/EW creates a file called DUMMYFIL and it also writes to the ³⁰⁸⁰ existing file called DICT3/EW. These two files also MUST NOT BE ON WRITE PROTECTED DISKS if you intend to add to the dictionary. DUMMYFIL, by the way, will usually appear to be an empty file. It is a temporary holding place, and will not be filled until DICT3/EW becomes too large to be held in your computer's memory.
2. During the correction process, Electric Webster writes your corrected document onto disk and gives it the file name, "CORRECT/TXT." If CORRECT/TXT already exists, which it probably does from your last proofing session, it must be on a disk that does NOT have a write protect tab on it. That disk must also have enough space on it to hold your corrected document. (The new CORRECT/TXT file is likely to require the same number of grans as the document file that you are proofing.) If the disk containing CORRECT/TXT has insufficient free space, the CORRECT/TXT file must be moved to a disk that does have sufficient free space. This is accomplished by COPYING CORRECT/TXT to another disk and then KILLING it from the original disk.)

The most frequent problem that we've encountered is that people sometimes create a working Electric Webster disk and then use it for a while without write protecting it. This would work fine if they did not later decide to put a write-protect tab on it. By then, if the disk was used in drive 0, it already has DUMMYFIL and CORRECT/TXT on it as well as DICT3/EW. Unless all of these file are first removed from the disk, Electric Webster will not be able to work properly.

Some people like to keep their system disk write-protected, maintaining a separate disk for all their document files. We recommend that these people keep a copy of DICT3/EW on each of their document disks. DICT3/EW is usually small and does not substantially reduce the free space available on the document disk.

ELECTRIC WEBSTER USER'S MANUAL

INTRODUCTION

DEVELOPMENT OF MICROPROOF/ELECTRIC WEBSTER

We affectionately call Electric Webster the "Son of Microproof" because it is intended to answer some of the specific requests that our customers have expressed to us.

The development of Microproof was begun at the end of 1979, at a time when proofreading programs were available only on large computers. These programs proofread word processed documents by comparing them to an electronic dictionary and displaying as potential errors all words not found in the dictionary. It was originally for his own use on a microcomputer, that Phil Manfield began development of a rudimentary version of a proofreading program. This first version was completed in early 1980, and had many drawbacks. The worst of these was the fact that the program required 15 minutes to proofread a two page document. During the year that followed, this original program was repeatedly revised and refined. The current versions of Microproof or Electric Webster can proofread that same two page document in 30 seconds. While the original 50,000 word dictionary required 220,000 bytes of disk storage, Microproof's current 50,000 word dictionary requires only 70,000 bytes, while Electric Webster's literal dictionary requires 115,000 bytes.

In addition to its impressive efficiency and compactness, Electric Webster now offers the ultimate in convenient features. Words are easily added to the program's dictionary, and these additional words are compressed in the same manner as the 50,000 word dictionary that comes with the program; so you can add an almost unlimited number of words without worrying about running out of disk space. Electric Webster can be operated directly from within any of a number of popular word processing programs, so you never need to return to DOS or run any other programs. It not only displays a word list of potential errors, but it offers the option of displaying the errors in the context in which they occur. Then, after identifying these potential errors, Electric Webster offers the option of actually substituting the indicated corrections for each error everywhere that the error appears in the text. In addition, Electric Webster will actually look up the correct spelling of a word, scrolling backward or forward through the dictionary, until the correct spelling is found. If the user wishes to guess at the correct spelling, Electric Webster will check to see if the guess is correct before the correction is made.

HOW IT WORKS

Electric Webster is written in Z-80 Machine Language. It proofreads documents for spelling and typographical errors by comparing the text of a document to Electric Webster's own 50,000 word internal vocabulary (dictionary). Words not found are identified as potential misspellings or typographical errors. Electric Webster's vocabulary is the equivalent to Webster's Pocket Dictionary. To this vocabulary you can add your own technical words, names of people and places to create your own personalized dictionary.

Electric Webster comes in two versions: Standard Electric Webster and Correcting Electric Webster. The Standard version operates on a word processed document and displays a list of words on the video screen (or printer). Once you have this list, you can then use the "search" function of your word processor to find and correct errors. The Standard version also comes with a separate program for adding words to Electric Webster's vocabulary. The Correcting version serves as an integral feature of your word processing program. Once the list of potential errors has been printed, correcting Electric Webster asks you which words you want to correct and which ones you want added to Electric Webster's vocabulary. It also offers you the option of displaying words in their context in the document, looking up the correct spelling or verifying the accuracy of your corrections. Electric Webster then automatically expands its vocabulary and makes the indicated corrections to the document.

USING THIS MANUAL

The first two sections of instructions that follow this introduction cover all Electric Webster operations. We have also included two optional step-by-step examples for those who feel the need of more detailed instructions. These examples are located at the back of the manual in Appendices E and F. The first example covers the use of Correcting Electric Webster. The second example covers the procedure for adding words to the dictionary using either Standard or Correcting Electric Webster, and for editing the expansion dictionary with the correcting version.

An overview of the kinds of errors Electric Webster identifies is located in Appendix D.

To begin using Electric Webster, you will need to prepare a set of working disks. In most cases, this simply involves transferring Electric Webster files to the system disk containing your word processing software. If you are planning to integrate Electric Webster with your word processing program you will need to select the proper CORRECT2 and M/EW files, and you may need to run one of the PATCH programs that you will find included on your Electric Webster disk. Complete patching instructions are located in Appendix C of this manual. If you are using single density 5 1/4 inch disks, more elaborate preparation is necessary and you will want to refer to Appendix A and Appendix B.

supplement / preface to section I

NEW ELECTRIC WEBSTER PROOFING INSTRUCTIONS
FOR MODEL I (SINGLE-DENSITY) SYSTEMS

The enclosed manual supplements are from ^{done} the new Electric Webster manual (revised June 1982), and replace Section I and Appendix B of the ^{early} manual you ^{may} now have. Appendix B provides new instructions for making working disks (see page B-4 for Model I Single-Density). When completed, you will have three working disks, plus your document disk, containing the following files:

Working Disk #1 - The Word Processing/System Disk

Full Operating System
Your Word Processing Program (patched if necessary)
EW/CMD
CORRECT2/EW
M/EW

Working Disk #2 - The Dictionary/System Disk

Reduced Operating System
EW/CMD
CORRECT2/EW
M/EW
DICT2/EW

Working Disk #3 - The Dictionary/Data Disk

(No system required)
DICT1/EW
DICT3/EW
CORRECT1/EW
ADDTODIC/EW
PRINTDIC/EW

Newscript
allows creating
a system with
only two
working disks, -- at
least, if you have
double density.

To proof your document, follow the instructions provided in Section 1 in the enclosed supplement. The proofing process is essentially unchanged. You will start with your operating system/word processing disk (disk #1) in drive 0 and your document disk in drive 1. However, when you are prompted to INSERT DICTIONARY DISK, you will remove BOTH disks and insert the two dictionary disks (disks #2 and #3 above), making sure that disk #2 (which contains a reduced operating system) is in drive 0. And when you are prompted, near the end of the proofing process, to INSERT DOCUMENT DISK, remove both of the dictionary disks, and reinsert Disk #1 in drive 0 and your document disk in drive 1.

SECTION ONE

Using Correcting Electric Webster

SINGLE DRIVE (MODEL I) SYSTEMS ONLY:

On single drive systems, both the word processing program and the document will be on the same disk. When reference is made to "drive #1", follow the instruction using drive #0.

If you are operating a system with one or two single density 5 1/4 inch disk drive, you may be instructed by Electric Webster to insert a dictionary disk on as many as 3 occasions so that Electric Webster can read DICT1/EW, DICT2/EW and DICT3/EW, respectively. For those systems, DICT3/EW should be included on the same disk as your word processing program. This means you'll be re-inserting the disk that was in the drive at the time proofing began.

When the diskette capacity is greater than 140,000 bytes, as on all 8" or double density disks, all dictionary files can usually be included on the same disk as the word processing program, and there is consequently no need to remove or insert disks during proofing.

1. Insert the disk with your word processing program (patched if necessary) and Electric Webster programs on it in drive #0. (Patching instructions are covered in Appendix C, in the back of this manual.) Insert the disk containing the document to be proofed in drive #1.
2. If you have purchased a fully integrated version of Electric Webster, load your word processing program, and go on to step #3.

If you are using the independent correction version go on to step #4.
3. Type out or load from disk a document to be proofed.
4. The next step is to initiate the proofing process. If you are using Scripsit or Superscript press <BREAK> and type EM followed by a space and then the document name. Press <ENTER>. For the new Electric Pencil press <CONTROL> W. For Lazy Writer, press both the <CLEAR> and <BREAK> keys simultaneously followed by the "E" key, follow by the "M" key, and then the <ENTER> key. For Newsript, return to your main Newsript menu and press 3 for "spelling checker" (if you are using a version of Newsript that lists Microproof on the main menu, you will need to rename EW/CMD to MICPROOF/CMD--see Appendix B). If you are using the independent correcting version, from DOS READY type EW, hit <ENTER>, and then enter your document name when prompted.

LOADING DOCUMENT

PROCESSING DOCUMENT

152 words
103 unique words

your errors your errors your errors your errors your
errors your errors your errors your errors your errors
your errors your errors your errors your errors

** PROOFING COMPLETE. PRESS <ENTER> TO CONTINUE. **

5. Electric Webster will now process and proof your document, giving you a count of the number of multi-letter words in your document, and of the number of words in your document not counting duplication (unique words). When Electric Webster finishes proofing the document, a list of potential errors will be displayed on the screen and you will see the prompt, "PROOFING COMPLETE. PRESS <ENTER> TO CONTINUE." After you have had the opportunity to look at the list, press <ENTER>.

NOTE: To print the screen with the list of potential errors to your printer, type "p" then hit <ENTER> after you get the "PROOFING COMPLETE..." prompt.

SELECT APPROPRIATE RESPONSE:

CORRECT MISSPELLED WORD	TYPE CORRECT WORD
LEAVE WORD "AS IS"	HIT <ENTER>
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: (word from your document)

RESPONSE:

6. After pressing <ENTER> in step #5, the above menu is displayed on the screen. (If the DICT2/EW file is not present on one of the disks already in your drives you will receive a prompt to "insert dictionary disk".) The first two selections "CORRECT MISSPELLED WORD" and "LEAVE WORD AS IS" are self-explanatory. The last selection, "ADD WORD TO DICTIONARY", is also self-explanatory. "DISPLAY WORD IN CONTEXT" and "DISPLAY DICTIONARY" require some explanation.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISSPELLED WORD	ENTER CORRECT WORD.
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: pencels
RESPONSE:

7. To use the "DISPLAY DICTIONARY" option let's look at some examples. "Pencels" is a misspelling. Let's assume that I'm not sure what the correct spelling should be. If I choose the DISPLAY DICTIONARY option, Electric Webster will take me to the portion of its dictionary where "pencels" would have appeared if it were in the dictionary. This is done by pressing the "@" key.

NOTE: Systems with extremely limited disk storage will not be able to maintain both DICTIONARY files in the system at the same time. Since DICT1/EW contains the A-L words and DICT2/EW contains the M-Z words, the disk containing the dictionary section with the target word will need to be inserted into a disk drive if it is not already present.

```
pensions
pensive
pennant
pennants
penned
pennies
penny
penalties
penalty
?
pencil
pencils
pending
pendular
pendulum
```

8. Electric Webster will then take you to its dictionary. A list similar to that above would appear on your screen. The question mark (?) indicates where your incorrectly spelled word ("pencels") would appear if it existed. As you can see, the correct spelling, "pencils", appears just below this on the list.

Electric Webster now allows you to replace your misspelling with the correctly spelled word automatically, but first you must position the word "pencils" at the bottom of the screen. To do this you will use the dictionary scrolling feature.

SCROLLING THE DICTIONARY

Sometimes, the word we want may be above or below the part of the dictionary list that first appears on our screen. Or, as in this case, we may simply need to get a particular word to the bottom of the list. By holding down the "+" key, we can scroll forwards through the dictionary. To go backwards through the dictionary we do the same thing using the minus, "-", key instead. You will note that the words appear in lower case when the dictionary is scrolling forward in alphabetical order and in upper case when it is scrolling in reverse alphabetical order. (Notice that the words always move in the same screen direction, regardless of whether they are appearing in alphabetical or reverse-alphabetical order.) We can also vary the speed of the scrolling. Let's say we want to go forward more quickly. Hit the number "1" key, then hold down the "+" key. Now, to go slower, do the same thing, only this time hit the "9" key instead of the "1" key. You will see that the words are now scrolling very slowly, one at a time. Any of the number keys may be used in this way, starting with 1 as the fastest and gradually decreasing in speed until we reach 9, which is the slowest.

You can get back into the correcting feature, with the menu on the screen, at any time from DISPLAY DICTIONARY by simply hitting the <ENTER> key. You can then go back to DISPLAY DICTIONARY by hitting the "@" key again.

NOTE ON ALPHABETICAL ORDER: The words in Electric Webster's dictionary do not always appear in strict alphabetical order. In particular, words with suffix endings, like "ed", "ing", "s", "ly", "er", "est", "able" and a dozen others will tend to come earlier in Electric Webster's dictionary than they ordinarily would. This is because these suffixes were disregarded in alphabetizing Electric Webster's dictionary.

Now that you know how to scroll, let's get back to our original example. Find the correct spelling for the word in your text (in this case "pencils") and use the scrolling to position it as the last word that appears on your screen. Then, hit the <ENTER> key to get back into the correcting mode.

ENTER . TO REPLACE WITH: PENCILS

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD	ENTER CORRECT WORD.
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: pencils
RESPONSE:

9. Up at the top of the screen a line has been added: "ENTER . TO REPLACE WITH: PENCILS". To replace your misspelled word automatically in your document with the correct spelling, hit the period (".") key and then press <ENTER>.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD	ENTER CORRECT WORD
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: convenience
RESPONSE:

10. For a slightly different example of the DISPLAY DICTIONARY option, let's look at the word "convenience", another misspelling. If you think you know what the correct spelling of a word is, but you're not sure, you can have Electric Webster check this new possibility for you. To do this, hit the "@" Key AND follow it immediately by your proposed new spelling. If it is a correctly spelled word already in the dictionary, Electric Webster will use it to replace "convenience" in your document AUTOMATICALLY, and will go on to the next word to be corrected. If it is not a correct spelling Electric Webster will take you to the part of its dictionary where this new spelling would have appeared.

In this case for instance, if you typed in "@canvenience" (still a misspelling), Electric Webster would take you to the part of it's dictionary where this word would appear if it existed. You would then have the same options as you usually do in DISPLAY DICTIONARY. If you had typed in "@convenience" (the correct spelling) Electric Webster would correct the word automatically in your text and advance to the next misspelled word.

SELECT APPROPRIATE RESPONSE:

CORRECT MISSPELLED WORD	TYPE CORRECT WORD
LEAVE WORD "AS IS"	HIT <ENTER>
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: nd
RESPONSE:

11. Now let's look at an example of the "DISPLAY WORD IN CONTEXT" option. Suppose the letters "ND" appeared on the list and you can't figure out what the word was supposed to be. Seeing it in context could help you figure out what it was intended to be. To see the word in context, ENTER ? (by typing a question mark, "?", and then hitting the <ENTER> key.)

Sincerely,

Mr. Lefty O'Toole
Left-Handed Pencils, Inc.
123 My Street
Our City, ND???

12. After you have indicated all your corrections, ^{not "in context"} your corrected document is loaded. (If the original document file is not found, the screen will display the message, INSERT DOCUMENT DISK AND PRESS <ENTER>. In this case, insert your document disk in drive #1, and press <ENTER>.) Each word you requested to "display in context" will now be displayed on the screen as shown in the above example. The word is displayed in context with three question marks following it. Your "RESPONSE" can be to hit <ENTER>, leaving the word "as is"; to enter the correct spelling of the word; or to enter ! by typing an exclamation mark, "!", and then hitting the <ENTER> key. This last response will leave the word as is, and all subsequent context displays of that word will be skipped. In this example, "ND" is a correct state abbreviation for North Dakota, so it would be left "as is". *you have the same options shown on top of this page EXCEPT you cannot add a word to dictionary at this stage.*
13. When all indicated words have been displayed in context, Electric Webster finishes correcting your document. If you have purchased a word processing conversion for Electric Webster, or if you are using Lazy writer or Newsprint, you will now be returned to the word processing mode. If you are using a version of Electric Webster that is integrated into a memory oriented word processing program like Electric Pencil, Lazy Writer, Scripsit or Superscript, you will find your corrected text on the screen ready to print, save or further edit.

SECTION 2

Using Standard Electric Webster

1. Insert the disk with your word processing program and EW/CMD on it in drive #0. If this disk does not already contain the document file that you wish to proof, insert the disk containing that file into drive #1.
2. With TRS-DOS READY or DOS READY on the screen, type EW and press the <ENTER> key.
3. You will be prompted to "ENTER NAME OF DOCUMENT TO BE PROOFED." To begin proofing your document, type in the name of the document and press <ENTER>. During the proofing process, Electric Webster will print to your computer screen a list of potential errors. If you want this list to also be printed to your printer, place an asterisk before the file name (e.g. *EXAMPLE). Without the asterisk, the list of words will appear only on the screen.
4. Electric Webster is now going to check the words in your document against the words in its dictionary files: DICT1/EW, DICT 2/EW, and DICT3/EW respectively. During the proofing process, if a dictionary file is not found, the screen will display the message "INSERT DICTIONARY DISK AND PRESS <ENTER>". Insert the required Dictionary disk into drive #1.
5. A list of the words not found in Electric Webster's dictionary will appear on the screen. If you want this list to also be printed to your printer and you forgot to indicate this with an asterisk (see step #3 above), hit "p" then <ENTER>.
6. Proofing is now complete. Hit <ENTER> to return to DOS.
7. Reinsert your document disk into drive #1.
8. Load your word processing program and then load the proofed document.
9. Using the global search and replace commands of your word processing program, correct the words in the document.

SECTION 3

Adding Words to the Dictionary

The following method of adding words to Electric Webster's dictionary uses only the program "ADDTODIC/EW", which is included with all Electric Webster disks. A simpler method using Correcting Electric Webster is covered in SECTION ~~2~~^{F-1}, "~~Using Correcting Electric Webster~~".

1. Insert the disk containing ADDTODIC/EW and your word processing program in Drive #0. Using your word processing program, you will need to create a document containing the words that you wish to add to the dictionary. To add a word to the dictionary type the word starting from the left margin and ending with a carriage return.

Here's an example list:

```
byte
fast
diskette
Berkeley
Phil
```

2. When you have finished typing your list, save it (using any document name you choose) on disk.
3. You're now ready to add the list to Electric Webster's vocabulary. Return to DOS, type ADDTODIC/EW and press <ENTER>.
4. The screen will display, "ENTER NAME OF FILE CONTAINING WORDS TO BE ADDED TO DICTIONARY". Type in the document name under which you saved your list and press <ENTER>.
5. The screen will display, "INSERT DICTIONARY DISK AND PRESS <ENTER>". Insert the Dictionary disk into drive #1 and press <ENTER>. Electric Webster is going to add the list to the dictionary.
6. When the screen displays, "DICTIONARY EXPANSION COMPLETED", the list has been added to the dictionary.

SECTION 4

Deleting Words From Electric Webster's Expansion Dictionary

1. Insert disks containing PRINTDIC/EW and DICT3/EW into your drives. Be sure that the first non-write-protected disk has plenty of unused space on it.
2. Boot up your system and type PRINTDIC/EW followed by pressing the <ENTER> (or <RETURN>) key. The drives will begin to operate and you will see the words in DICT3/EW scroll quickly on your screen. When this is done you will be returned to DOS. A new file, DICT3/SRC, will have been placed on your first available disk.
3. Use your word processing program to view the document file named DICT3/SRC. Electric Pencil users will first need to RENAME this document to DICT3/PCL.
4. You will find that this file contains a list of the words and letter combinations that are in DICT3/EW. Some were in DICT3/EW already when you received it, so you may not recognize them. The list is in the format described on the previous page. You may edit, delete from or add to this list, maintaining its format.
5. Using a copy of DICT3/EW that is just as we sent it to you (that is, with none of your own words added to it), run ADDTODIC/EW, as described on the previous page, to add your edited DICT3/SRC word list to this original DICT3/EW file.

APPENDIX A

Files Included with Electric Webster

Both Standard and Correcting Electric Webster come on a formatted Model I (single-density) diskette with files written on both sides of the disk. Turn the disk over to load information from the second side. Model III users will need to CONVERT both sides of the disk from Model I format to Model III format. To do this, use the CONVERT command, inserting our Model I "source" diskette in drive #1 and a Model III "destination" diskette with only a system on it in drive #0.

Those programs not included with Standard Electric Webster are noted on the schedule below with an asterisk.

<u>FILE</u>	<u>FUNCTION</u>	<u>SIZE</u>
EW/CMD	Proofs text.	6K bytes
M/EW* (also /CLW, /NEW, PEW)	Links Electric Webster to word processing program.	1K bytes 1K (each)
DICTIONARY1/EW & DICTIONARY2/EW	Holds 50,000 word dictionary.	60K bytes+ 44K bytes+
DICTIONARY3/EW	Data file for storing words added to the dictionary.	1K bytes expandable to full disk
*CORRECT1/EW & *CORRECT2/EW (also /LEW,/NEW, /PEW)	Display misspellings and provide an opportunity to make corrections.	3K bytes 2K 2K (each)
ADDTODIC/EW	Adds new words to dictionary.	4K bytes
EXAMPLE	A sample text file to be used with Example 1 in this manual.	1K bytes

(Chart continued on next page)

+ These figures are for the 50,000 words dictionary. There is a 25,000 word dictionary available which takes up less space. Contact Cornucopia Software for details.

<u>FILE</u>	<u>FUNCTION</u>	<u>SIZE</u>
*PATCH PROGRAM	Integrates EW into your word processor program making it possible to operate Electric Webster from within word processing program.	1K bytes
*PRINTDIC/EW	Utility for editing dictionary.	2K bytes
TEST/EW	Program that indicates if files have been damaged during shipment.	1K bytes

NOTE: If you have only a ONE DRIVE SYSTEM, you will need to find a way to transfer all of the Electric Webster files to system diskettes. One way to do this is to use NEWDOS by Apparat, Inc. Another is to borrow someone else's dual drive system. CORNUCOPIA SOFTWARE WILL PROVIDE THIS SERVICE for a nominal charge of ten dollars.

10 JUL 82: If your NEWSRIPT has a file called EWINSTAL/BLD, you can create a single working disk for Electric Webster (if you run under TinyDOSPLUS3.4) as follows: Insert the original EW SD disk (side one upward) in drive 1. Insert a ~~extra~~ backup of your NEWSRIPT disk in drive 0. From DOS enter "DO EWINSTAL". This will (a) strip the ~~DR-0~~ disk down to a bare bones DOS, (b) copy and rename the appropriate files onto dr-0. Can fit all on one disk only in double density. (LIST the file EWINSTAL/BLD if you want to understand what/how this is done.)

APPENDIX B

WORKING DISK PREPARATION

TRS-80 MODEL III (OR DOUBLE-DENSITY MODEL I):

The very first thing you should do (after CONVERTing to Model III if necessary -- see below) is to make at least one BACKUP copy of your original disk. Then, run the TEST program provided. To do this, place the copy you just made into one of your drives, type TEST/EW and hit the <ENTER> key. (You must be sure that the program "TEST/EW" is on one of the disks in your drives). The TEST program will run and indicate by the words BAD or GOOD on your screen whether any of the programs on your disk have been damaged during shipment. If you have received a damaged disk, return it immediately for a replacement to Cornucopia Software, 1625 Beverly Place, Berkeley, CA 94707.

The instructions that follow will help you to set up working disks that allow you to use Electric Webster with most popular word processing programs. ProSoft, the distributor for Newsript, recommends an alternate method for creating double-density 40-track working disks. You will find these alternate instructions on page B-11 (or included with your Newsript program).

If you have not already done so, you will first need to CONVERT both sides of the Model I formatted diskette that Cornucopia sent you to Model III format. Do this using your Model III CONVERT utility. The Model I diskette will be referred to by the utility as "source" diskette, and will go into drive #1. Drive #0 will need a "destination" diskette, a Model III formatted diskette with only a system on it. (You will need a separate Model III "destination" diskette for each side of the Model I "source" diskette. Turn the Model I disk over to convert information from the second side of it.) Depending on the operating system that you are using, you will either type the command:

```
CONVERT :1 TO :0 (TRS-DOS)
or the command:
CONVERT 1 0 (NEWDOS80)
or the command:
CONVERT :1 (DOSPLUS)
```

If you are converting to LDOS you will first need to use the above TRS-DOS command to convert from Model I to Model III TRS-DOS. Then, place your LDOS disk in drive 0 and your converted Model III TRS-DOS disk in drive 1 and type the command:

```
CONV :1 TO :0 (VIS)
```

You will now need to prepare two Working Disks. (If you have 80-track drives, everything fits on one disk). *If you get or make a double-sided disk you can put "Disk #1" on one side, "Disk #2" on the other.*

To prepare Working Disk #2, the Dictionary Disk, transfer the dictionary files, DICT1/EW, DICT2/EW and DICT3/EW onto a separate disk. Single drive users will need to copy DICT3/EW onto the disk with their program files, instead of this Dictionary Disk. If you intend to follow the exercises in this manual, you will need to copy the document file EXAMPLE onto this dictionary disk, or onto a separate disk.

To prepare Working Disk #1 start with a disk with an operating system on it in drive #0 and transfer to this system disk your word processing program plus the following Electric Webster files (the Standard version of Electric Webster will not contain all of the following files):

EW/CMD ✓ ADDTODIC/EW ✓ PRINTDIC/EW
CORRECT1/EW

You will also need to copy onto this disk the appropriate M/ and CORRECT2/EW files for the word processor that you are using. The files CORRECT2/EW and M/EW are already set up for Scripsit or Superscript integrations. If you are using any of the other integrated word processors, you must first be sure that these original CORRECT2/EW and M/EW files are not on the working disk that you are making. Then transfer over to your working disk the appropriate files for your word processor and rename them as indicated:

Scripsit, Superscript or Independent:

Use original CORRECT2/EW and M/EW files.

Newsript: *(see p. B-11)*

NOTE: For Newsript users, there are two alternate methods for creating double-density 40-track working disks. The newest versions of Newsript include EWINSTALM3.* If you have this version, please see the instructions sent with your Newsript.

For those who purchased older versions of Newsript, which do not include the EWINSTALM3 file, you may refer to the alternate instructions provided with your Newsript program, or on page B-11 of this manual, or you may follow the instructions provided here:

COPY CORRECT2/NEW and M/NEW onto your working disk. Then RENAME them to CORRECT2/EW and M/EW.

(NOTE: You must have Newsript version 6.2 or above to be able to integrate with Electric Webster. If you have a version of Newsript that lists only MICROPROOF on the main menu you will also need to rename EW/CMD to MICROPROOF/CMD so that the program will recognize it from the main menu when you press "3" for spelling checker option. However, most of the newer versions of Newsript will list Electric Webster on the main menu, in which case you DO NOT have to rename EW/CMD.)

* "EWINSTA/BLD"

Lazy Writer:

COPY CORRECT2/LEW and M/CLW to your working disk (if they are not already there). Then RENAME CORRECT2/LEW to CORRECT2/EW. If you have a current version of Lazy Writer (1.9 or above) DO NOT RENAME M/CLW -- use as is. (On older versions of Model I Lazy Writer the default extension of the execute command is CMD. If you have one of these programs, you will need to RENAME M/CLW to M/CMD.)

Electric Pencil:

COPY CORRECT2/PEW and PENCIL05/SYS to your working disk (if they are not already there). Then RENAME CORRECT2/PEW to CORRECT2/EW. (Leave PENCIL05/SYS as is). PLEASE NOTE: This integration is for the new, IJG version 2.0 of Electric Pencil only.

After you have made the appropriate changes for your word processor as instructed above, all CORRECT2 files without the EW extension may now be KILLED from your working disk. (If you are integrating with more than one word processor you will need to create a set of working disks for each one, making the appropriate changes for each as described above.)

Your double-density working disks are now complete.

TRS-80 MODEL I (SINGLE-DENSITY):

The very first thing you should do is to make a BACKUP copy of each side of your original disk. Then, run the TEST program provided. To do this, place the copy you just made into one of your drives, type TEST/EW and hit the <ENTER> key. (You must be sure that the program "TEST/EW" is on one of the disks in your drives). The TEST program will run and indicate by the words BAD or GOOD on your screen whether any of the programs on your disk have been damaged during shipment. If you have received a damaged disk, return it immediately for a replacement to Cornucopia Software, 1625 Beverly Place, Berkeley, CA 94707.

If you do not have an 80 track disk drive or a special double density adapter installed in your computer, you will not be able to fit all of the files that you need onto two diskettes, so you will need to prepare three working disks as illustrated in the tables that follow. A fourth disk will contain the document that you are proofing. If you intend to follow the exercises in this manual, you will need to copy the document file EXAMPLE onto this fourth disk.

Now, you are going to take the backup that you made of the first side of the Electric Webster disk and PURGE or KILL all the extraneous files. The files that you need to keep on this disk are EW/CMD, DICT2/EW, and the appropriate files for the word processor that you are using:

Scriptit, Superscript or Independent:

Keep original CORRECT2/EW and M/EW files.

Newsript:

NOTE: If you have a newer version of Newsript that includes the file EWINSTALM1*, please follow the alternate instructions provided with your Newsript program for creating your working disks.

Keep M/NEW and CORRECT2/NEW files.

(NOTE: You must have Newsript version 6.2 or above to be able to integrate with Electric Webster. If you have a ^{pre May} version of Newsript that lists only "MICROPROOF" on the main menu you will also need to rename "EW/CMD" to "MICROPROOF/CMD" so that the program will recognize it from the main menu when you press "3" for spelling checker option. However, most of the newer versions of Newsript will list Electric Webster on the main menu, in which case you DO NOT have to rename EW/CMD).

Lazy Writer:

Keep M/CLW and CORRECT2/LEW files.

NOTE: If you have a current version of Lazy Writer (1.9 or above) do not RENAME M/CLW -- use as is. (On older versions of Model I Lazy Writer the default extension of the execute command is CMD. If you have one of these programs, you will need to RENAME M/CLW to M/CMD.

* or "EWINSTAL/BLD"

Electric Pencil:

Keep PENCIL05/SYS and CORRECT2/PEW files.

Please note: This integration is for the new, IJG version 2.0 of Electric Pencil only.

After you have KILLED or PURGED all of the extraneous files, RENAME any files with NEW, LEW or PEW extensions to an EW extension (i.e. M/EW or CORRECT2/EW). This disk will be referred to as Backup Disk #1 in the instructions that follow.

To prepare Working Disk #1 (the Word Processing-System Disk) start with a backup copy of your word processing disk (with a system on it) in drive 0. This Word Processing disk will need to contain 3 files from your Electric Webster Backup Disk #1:

EW/CMD

CORRECT2/EW

M/EW

Put Backup Disk #1 in drive 1 and (with your word processing disk in drive 0) COPY these files from drive 1 to drive 0:

COPY FILENAME:1 TO FILENAME:0

This completes preparation of Working Disk #1. Set it aside.

To prepare Working Disk #2 (the Dictionary-System Disk) you will need to prepare a REDUCED SYSTEM DISK from a disk containing a copy of your operating system. Place the copy in drive 0, and follow the instructions below that pertain to your system. Then copy all the files on your Backup Disk #1 to your reduced system disk. (Special copying instructions are provided below where necessary).

CAUTION: Note that the resulting disk may not contain certain backup or copy utilities. To make BACKUP copies you may need to insert a FULL SYSTEM DISK in drive 0 and then type the command appropriate to your operating system.

TRSDOS:

A reduced system disk is made by taking a system disk and using the KILL command to eliminate all visible directory files as well as any "invisible" files which are not necessary for word processing. "Invisible" files are files which are on your disk and take up space, but do not appear on the disk directory. For TRS-DOS Model I systems, you can KILL the following "invisible" files:

FORMAT/CMD.L0Y4

BACKUP/CMD.L0Y4

BASIC/CMD.L0Y4

SYS5/SYS.L0Y4

BASICR/CMD.L0Y4

DOSPLUS:

Use the PURGE (I) command. When prompted with each file name answer "Y" to remove it from the disk.

NEWDOS80 (Version 2):

Type the command: PURGE :0. Each of the files contained on the disk will appear on the screen, and for each, you will be prompted to indicate "Y or N." Hit "Y" to delete every file EXCEPT the following:

DIR/SYS
BOOT/SYS
SYS0/SYS through SYS4/SYS
SYS8/SYS

The NEWDOS "COPY" command is no longer functional, so you will need to place a full NEWDOS 80 system disk into your drive 0 and type COPY 1 0,,CBF,NFMT. Answer "Y" to the first prompt, "ARE SYSTEM AND DESTINATION DISKETTE THE SAME?". Then follow the remaining prompts using your Backup Disk #1 as "SOURCE" and your Reduced System as "DESTINATION".

LDOS (5.1.0 or above):

Use the command PURGE :0 (Q=Y,I,S) deleting all the files EXCEPT the following:

DIR/SYS
BOOT/SYS
SYS0/SYS through SYS4/SYS
SYS8/SYS
SYS10/SYS

The normal LDOS "COPY" command will no longer be functional on this reduced system disk. So, to copy the files from Backup Disk #1 you must perform the following process for each file. Place your full system disk in drive 0 and the reduced system disk in drive 1. Type: COPY FILENAME:0 TO :1 (X). When you are prompted to INSERT SOURCE DISKETTE, put your Backup Disk #1 in drive 0 and press <ENTER>.

LDOS (5.0 or earlier):

For versions 5.0 and below, it will be necessary to configure your disks slightly differently. First, KILL or PURGE from your Electric Webster Backup Disk #2 the files PPATCH/SYS, SPATCH/EW, and PRINTDIC/EW. Then, to make the reduced system disk, take a copy of your LDOS system disk and use the PURGE function (PURGE :0) to delete all files EXCEPT the following:

DIR/SYS
BOOT/SYS
SYS0/SYS through SYS4/SYS
SYS6/SYS
SYS8/SYS
SYS10/SYS

Then, using the command:

COPY FILENAME:# TO :#
copy all the files from Backup Disk #1 with the exception of DICT2/EW to your reduced system disk. Now, copy all of these files from your reduced system disk to your Backup Disk #2 and KILL them on Backup Disk #1. Finally, COPY DICT2/EW from Backup Disk #1 to your reduced system disk.

After you have made your reduced system disk as described above you will be left with a system disk with very few utility functions. (See caution above). It will, however, contain maximum space for Electric Webster files. If you have not already done so, you can now complete your Working Disk #2 by simply copying over to this new disk all the files from your Electric Webster Backup Disk #1 (including the DICT2/EW file).

Working Disk #3 (The Dictionary Data disk), has essentially already been made. It is the backup of side 2 of your original Electric Webster disk. There are 3 extra files. The two patch programs, PPATCH/EW and SPATCH/EW, you will need only if you are integrating with Scripsit or Electric Pencil. And once you have patched your word processor, these files will not be needed any longer. The EXAMPLE file can be copied onto your document disk and will not be needed on this Working Disk #3.

SINGLE DRIVE MODEL I SYSTEMS ONLY:

You will need to prepare a set of three working disks. All three disks will need to contain systems, and the systems on Disks #2 and #3 will need to be reduced to allow enough space to hold DICT1/EW and DICT2/EW. (A reduced system disk is made by taking a system disk and using the KILL command to eliminate all visible directory files as well as any "invisible" files which are not necessary for word processing. "Invisible" files are files which are on your disk and take up space, but do not appear on the disk directory. For TRS-DOS Model I systems, you can KILL the following "invisible" files:

FORMAT/CMD.L0Y4
BACKUP/CMD.L0Y4
BASIC/CMD.L0Y4
SYS5/SYS.L0Y4
BASICR/CMD.L0Y4

If you are using the DOS+ system (included on disk when you purchase the Newsprint Word Processing program) see the special instructions for list of invisible files.

The tables on the following pages list the files that should be copied onto each of the two disks. Since the disk we have sent you does not have a system on it, copying files onto it will be difficult on a single drive system. It is, however, possible using the NEWDOS operating system. If you do not have NEWDOS, you will either need to borrow a friend's system to make your first working disks or send your word processing disk to Cornucopia and WE WILL DO YOUR COPYING for a nominal charge of ten dollars.

If you have correcting Electric Webster, be sure to read the instructions on the previous page for selecting appropriate CORRECT2/EW and M/EW files. If you are using integrated Electric Webster with Scripsit, Superscript or Electric Pencil you will also need to refer to Appendix C which explains how to run the patch program that will integrate Electric Webster into your word processing program.

WORKING DISKS FOR A SINGLE DENSITY, TWO DRIVE SYSTEM

DISK LABEL	DISK REQUIREMENTS	WRITE PROTECTED	PROGRAMS/FILES
Disk #1 Your word processing system disk.	System Required	Yes	Word processing program EW/CMD CORRECT2/EW(LEW,NEW,PEW) **+ M/EW(CLW,NEW,PENCIL05) **+
Disk #2 Dictionary/System	Reduced System	No	DICT2/EW EW/CMD CORRECT2/EW(LEW,NEW,PEW) **+ M/EW(CLW,NEW,PENCIL05) **+
Disk #3 Dictionary/Data	Formatted	No	DICT1/EW DICT3/EW CORRECT1/EW ADDTODIC/EW PRINTDIC/EW
Disk #4 Document	Formatted	No	EXAMPLE

* If you're going to follow the exercises given in this manual, this disk will contain the document file referred to in the exercise. When working with your own documents, it is a good practice to store them on a separate disk as well.

**Not included with Standard Electric Webster.

+ See instructions (page B-4) on selecting proper CORRECT2/EW and M/EW files.

WORKING DISKS FOR A SINGLE DENSITY, ONE DRIVE SYSTEM

DISK LABEL	DISK REQUIREMENTS	WRITE PROTECTED	PROGRAMS/FILES
Disk #1* Your word processing system disk.	Reduced System	No	Word processing program EW/CMD CORRECT1/EW** CORRECT2/EW(LEW,NEW,PEW)**+ M/EW(CLW,NEW,PENCIL05)**+ ADDTODIC/EW DICT3/EW EXAMPLE PATCH program PRINTDIC/EW
Disk #2 Dictionary 1	Reduced System required	Yes	DICT1/EW
Disk #3 Dictionary 2	Reduced System required	Yes	DICT2/EW

* This disk contains the EXAMPLE document file used in the exercises in this manual.

When working with your own documents, you will probably want to store them on this disk as well.
**Not included with Standard Electric Webster.

+ See instructions (page B-4) on selecting proper CORRECT2/EW and M/EW files.

ALTERNATE METHOD FOR CREATING ELECTRIC WEBSTER/NEWSSCRIPT
WORKING DISKS

Begin with an existing NEWSSCRIPT/SYSTEM disk (TDOS is assumed) and create a spelling checker disk for everyday use.

1. Make a BACKUP of NEWSSCRIPT, then place the backup in drive 0.
2. Display its directory, then KILL all visible files except these two: (you may want to use the "PURGE (I)" command to do this.)
STARTUP/MIN NSINIT
3. Insert Side 1 of the EW disk in drive 1 (that's the side with the label facing up). If you're using TDOS on a Model III, make the disk readable by issuing this command: CONVERT :1

4. COPY these files from drive 1 to 0. Not all files on side 1 will be copied:
ADDTODIC/EW EW/CMD CORRECT1/EW
PRINTDIC/EW DICT1/EW

5. Turn over the EW disk so the unlabelled side 2 faces up. If using a Model III, again issue the command: CONVERT :1

6. COPY these files from drive 1 to 0. Not all files on side 2 will be copied, and some must be renamed as they are copied:

COPY EXAMPLE:1 :0 COPY CORRECT2/NEW:1 CORRECT2/EW:0
COPY DICT2:1 :0 COPY M/NEW:1 M/EW:0
COPY DICT3:1 :0

7. Electric Webster is installed and ready for use on this working disk.

8. *Since you will have killed the BACKUP and FORMAT utilities, if you need to do these you would have to insert a disk having a more complete operating system, with the necessary utilities.*

Operation of Newsprint and Electric Webster

1. When entering or updating a document, NEWSSCRIPT is in drive 0, the document in 1.
2. When ready to check spelling, return to the NEWSSCRIPT PRIMARY OPTIONS MENU.
3. Remove Newsprint and insert the EW working disk.
4. Press "3" on the menu. "ENTER" should not be pressed.
5. EW will start to run. If Newsprint had an active file, EW processes it automatically. Otherwise, it prompts you for a new file I.D.
6. EW will follow any APPENDS, if you've used them and want them followed.
7. When EW is done, it'll take you back to the NEWSSCRIPT PRIMARY OPTIONS MENU.
8. Once that menu re-appears remove EW and insert Newsprint in drive 0.
9. You may now run SCRIPT or EDIT, as you prefer.

APPENDIX C

Patching Instructions to Integrate Electric Webster with Word Processing Programs

If you have purchased an integration program for Correcting Electric Webster, you may need to first patch your word processing program. This patch will make it possible to use Electric Webster as a feature of your word processing program. The patching process is different for each word processor.

TRS-80 MODEL I or III; SCRIPSIT, SUPERSCRIP or ELECTRIC PENCIL:
Make sure you have your word processing program on your system disk. This system disk should be non-write protected. Insert it into drive #0 and boot up your system. Then, follow the appropriate instructions for your word processor.

SCRIPSIT or SUPERSCRIP:

Make sure SPATCH/EW is on one of the disks in your drives. Type "SPATCH/EW" and press <ENTER>. The disk drives will begin to turn. When they stop you will see "SCRIPSIT PATCHED" or "SUPERSCRIP PATCHED". Electric Webster has been integrated into your word processing program. Your original Scripsit or Superscript files, however, will not have been altered. Instead, a new file, ESCRIP/CMD, will have been created. This is your patched word processing program. Use it exclusively. KILL the original Scripsit or Script program file from your working disk. (NOTE: for Model III, this patch should be done using TRS-DOS 1.2)

ELECTRIC PENCIL:

Make sure PPATCH is on one of the disks in your drives. Type "PPATCH/EW" and press <ENTER>. The disk drives will begin to turn. When they stop you will see "PENCIL PATCHED" on your screen. Electric Webster has been integrated into your word processing program. (NOTE: This integration patch is for IJG's new Electric Pencil only).

LAZY WRITER and NEWSCRIP: No patching necessary.

APPENDIX D

Words Electric Webster Identifies as Potential Errors.

When Electric Webster proofs a document, it produces a list of "POTENTIALLY MISSPELLED" words which are displayed on the screen or outputted to a printer. It is possible for some CORRECTLY spelled words to appear on the list as POTENTIALLY MISSPELLED. It is also possible for certain typographical errors NOT to be displayed on the list. To assist you in understanding these points, we have attached a sample letter on the next page that contains some intentional errors. This EXAMPLE letter is also the "EXAMPLE" document that is contained on the Electric Webster disk, and it will be used for instructional purposes later in this manual (Appendix E).

These situations will fall within the following three categories. Please use the EXAMPLE letter on the next page as a reference to the following explanations. The words in question are marked by category, as indicated below.

CATEGORY #1 - MISSPELLED WORDS THAT APPEAR ON THE LIST:

○ This situation is self explanatory. You simply take the necessary steps to correct the spelling error. Note on the example page that the words "pencels", "sincerely" and "thatthe" are misspelled, and will appear on the list of potential errors.

CATEGORY #2 - CORRECTLY SPELLED WORDS THAT APPEAR ON THE LIST:

□ Electric Webster comes with a 50,000 word vocabulary. Any words that are not included in the dictionary will be listed as "POTENTIAL ERRORS" during proofing. Most of these words will be proper names and abbreviations, as they are not included in the dictionary. They may be ADDED to the expansion dictionary during proofing with the ADD TO DICTIONARY option from the menu, or before or after proofing with the "ADDTODIC/EW" program.

CATEGORY #3 - TYPOGRAPHICAL ERRORS THAT MAY NOT APPEAR ON THE

LIST: There are a few situations where this could occur. ○ Electric Webster ignores single character letters so that the "s" in the first paragraph of the EXAMPLE letter (which should be an "a") did not appear on the error list. (Electric Webster's Grammatical Checking Feature will handle these single characters.) Also, if you make a typographical error and happen to end up with a different, but correctly spelled word, Electric Webster will not recognize it as an error. For example, in the letter that follows, the "it" should have been an "is". Since "it" is a correctly spelled word it did not appear on the error list.

HYPHENATED WORDS:

This letter contains the hyphenated word "pro-duct". Electric Webster will automatically handle most hyphenations, i.e., hyphenated words will usually not show up as misspellings.

Exception: If you construct a compound word, such as "race-cars", it will be treated as an error.

January 19, 1982

Cornucopia Software
1625 Beverly Place
Berkeley, CA 94707

Dear Gentlemen:

I am writing to inquire about Electric Webster. We are ssmall company that sells left-handed pencils. I do quite a bit of writing and am a miserable speller. I have read a number of reviews that indicate that your product it the next best thing to Word Heaven.

We have also considered your rival product, Electric Funk & Wagnal 's. However, we believe thatthe size and efficiency of your dictionary, as well as speed and convenience of your program, are more in line with our needs.

Sincerley,

Mr. Lefty O'Toole
Left-Handed Pencils
123 My Street
Our City, ND

APPENDIX E

EXAMPLE 1

Proofing Text With Correcting Electric Webster.

Using Correcting Electric Webster to correct misspelled words in text includes the following steps:

1. Proofing the text.
2. Correcting the text.
3. Adding words to the dictionary as needed.

You'll work through these three steps using a sample letter (EXAMPLE) that was included on the master disk sent to you. A printed copy of this letter is also included in the section of this manual titled "Words Electric Webster Identifies as Potential Errors". If you have not read this section yet, you may want to review it now.

EXAMPLE:

In this example you will load, proof, and correct a document called EXAMPLE. To follow this exercise exactly, you will need to be using a copy of DICT3/EW that is exactly like the one which was originally sent to you -- one that has not had words added to it. You are now ready to begin the proofing process.

1. If you haven't already done so, put the system disk with your patched word processing program and Electric Webster on it in drive #0. Insert the Example document disk in drive #1. Load your patched word processing program and then load the EXAMPLE letter.

January 19, 1982

Cornucopia Software
1625 Beverly Place
Berkeley, CA 94707

NOTE: If you are using the Lazy Writer word processor this file may appear with lower and upper case reversed. Use the "#" key in edit to reverse the case.

2. Although you already have EXAMPLE on the screen, for the purposes of this exercise assume that you have just finished typing in the document and are ready to begin proofing. The next step will vary depending upon the word processing program that you are using.

NEW ELECTRIC PENCIL: Press the control and W keys simultaneously.

LAZY WRITER: Obtain directory by holding the clear key down and pressing the break key while in EDIT mode. Then press the "E" key, and then the "M" key. This will run the program, "M/CLW", which in turn will load and run Electric Webster.

NEWSSCRIPT: Return to main Newsript menu and press 3 for Spelling Checker.

SCRIPSIT and SUPERSRIPT: Press the <BREAK> key followed by ME followed by a space followed by the file name under which you would like your document to be saved.

NONINTEGRATED: From DOS READY, type EW and then press the <ENTER> key. Respond to prompt with name of document that you wish to proof.

EW
PART OF
ELECTRIC WEBSTER
COPR. 1982 CORNUCOPIA SOFTWARE, INC.
SERIAL NUMBER nnnnn

PROCESSING DOCUMENT.

3. The text in the computer has been saved, exactly as it would have been if you had used the "save" that is standard to your word processing program. In this example it has been saved to the Document disk. Electric Webster is now ready to begin the proofing process. If the dictionary file, DICT1/EW, is not found, the message "INSERT DICTIONARY DISK AND PRESS <ENTER>" will appear. In that case, insert the disk containing DICT1/EW into drive #1 and press <ENTER>. Electric Webster goes through its dictionary files, DICT1/EW, DICT 2/EW, and DICT3/EW, in that respective order. If for any reason during proofing any dictionary file is not located, this same prompt will appear, asking you to "INSERT DICTIONARY DISK AND PRESS <ENTER>".

ELECTRIC WEBSTER
PART OF
ELECTRIC WEBSTER DICTIONARY SOFTWARE
COPR. 1982 CORNUCOPIA SOFTWARE, INC.
SERIAL NUMBER nnnnn

PROCESSING DOCUMENT.

PROOFING DOCUMENT.

berkeley beverly ca convenience cornucopia funk left-handed
nd pencils sincerley thatthe toole wagnall

** PROOFING COMPLETE ** HIT <ENTER> TO CONTINUE **

4. Electric Webster begins proofing the document. During the proofing process, an asterisk will blink to let you know that proofing is in process. When proofing is complete, Electric Webster displays a list of potential errors on the screen. Some correctly spelled words may appear on the list. (We'll explain why later)

NOTE:

For long documents, the list of potential errors may be too long to fit on the screen. In that case, you will need to press <ENTER> to scroll the screen up and display the remainder of the list. When the end of the list has been reached, press <ENTER> to go on to the "correcting" process.

On Model I, the list of words on your screen may or may not appear in all capital letters. If you want the list to appear all in lower case, you may need to load a printer driver, such as Apparat's LCDVR, into your computer prior to beginning your word processing session.

When you're ready to go on to the correcting process, press <ENTER>.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISSPELLED WORD	ENTER CORRECT WORD.
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT:	!

WORD: cornucopia
RESPONSE:

5. When proofing is complete, Electric Webster goes on to the correcting process. The first word to appear on the screen is Cornucopia. Correcting Electric Webster offers you six choices, or options. Each option will be explained as we go on. "Cornucopia" is the correct spelling of a company's name. In this case, the name is not included as part of Electric Webster's vocabulary. If we wanted to include this company's name in the dictionary, we could do so by selecting the option, "ADD WORD TO DICTIONARY". Placing the name in the dictionary would prevent it from appearing in future proofing listings. However, for purposes of this example, let's assume that we do not correspond with this company frequently enough to warrant adding the name to the dictionary. Leave the word "AS IS" by pressing <ENTER>.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISSPELLED WORD	ENTER CORRECT WORD.
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: beverly
RESPONSE:

6. "Beverly" is the name of a street and since we won't be using it very often, let's again press <ENTER> to leave the word AS IS in the letter.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISSPELLED WORD	ENTER CORRECT WORD.
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: berkeley
RESPONSE:

7. "Berkeley" is the name of a city, part of the same address. Again, let's assume that we don't use it often enough to add it to the dictionary, and hit <ENTER> to leave AS IS.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISSPELLED WORD	ENTER CORRECT WORD.
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: ca
RESPONSE:

8. "CA" is the state abbreviation for California, part of the same address. Hit <ENTER> to leave it AS IS.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD	ENTER CORRECT WORD.
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: left-handed
RESPONSE:

9. "Left-handed" is a correctly spelled word that is not in Electric Webster's vocabulary. Since I will be using it often, let's ADD IT to the dictionary. Type a plus sign, "+", and then press <ENTER>.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD	ENTER CORRECT WORD.
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: pencils
RESPONSE:

10. "Pencels" is a misspelling. Let's assume that I'm not sure what the correct spelling should be. If I choose the DISPLAY DICTIONARY option, Electric Webster will take me to the portion of its dictionary where the correctly spelled word would normally appear. Let's do that now by pressing the "@" key.

NOTE: Systems with extremely limited disk storage will not be able to maintain both DICTIONARY files in the system at the same time. Since DICT1/EW contains the A-L words and DICT2/EW contains the M-Z words, the disk containing the dictionary section with the target word will need to be inserted into a disk drive if it is not already present.

pensions
pensive
pennant
pennants
penned
pennies
penny
penalties
penalty
?
pencil
pencils
pending
pendular
pendulum

11. You will now have a list of words on your screen. The question mark (?) indicates where our incorrectly spelled word ("pencels") would appear. As you can see, the correct spelling, "pencils", appears just below this on the list. We now want to replace our misspelling with this correct spelling in the document. Electric Webster allows us to do this automatically, but first we must position the word "pencils" at the bottom of the screen. To do this we will use the dictionary scrolling feature.

SCROLLING THE DICTIONARY

Sometimes, the word we want may be above or below the part of the dictionary list that first appears on our screen. Or, as in this case, we may simply need to get a particular word to the bottom of the list. By holding down the "+" key, we can scroll forwards through the dictionary. Try this now. To get back to where we were, we do the same thing using the minus, "-", key instead. This will take us backwards through the dictionary. You will notice that the words appear in lower case when you are scrolling in alphabetical order, and in upper case in reverse alphabetical order. (Notice that the words on the screen always move in the same direction, no matter whether they are going backwards or forwards alphabetically.) Try this now. We can also vary the speed of the scrolling. Let's say we want to go forward more quickly. Hit the "+" key, then the number one ("1") key, then hold down the "+" key again. Now, to go slower, do the same thing, only this time hit the "0" key instead of the "1" key. You will see that the words are now scrolling very slowly, one at a time. Any of the number keys may be used in this way, starting with 1 as the fastest and gradually decreasing in speed until we reach 0, which is the slowest.

You can get back into the correcting feature, with the menu on the screen, at any time from DISPLAY DICTIONARY by simply hitting the <ENTER> key. You can then go back to DISPLAY DICTIONARY by hitting the "@" key again.

You may note that a word does not always appear in the dictionary where you might expect it to. This is because the words in Electric Webster's dictionary do not always appear in strict alphabetical order. In particular, words with suffix endings, like "ed", "ing", "s", "ly", "er", "est", "able" and a dozen others, will tend to come earlier in Electric Webster's dictionary than they ordinarily would.

Now that we have practiced scrolling, let's get back to our original correction. Find the word "pencils" and use the scrolling to position it as the last word that appears on your screen. Now, hit the <ENTER> key to get back into the correcting mode.

```
ENTER "." TO REPLACE WITH: PENCILS

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD           ENTER CORRECT WORD.
LEAVE WORD "AS IS"              HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT          ?
DISPLAY DICTIONARY               @
ADD WORD TO DICTIONARY           +
EXIT                              !

WORD:      pencils
RESPONSE:
```

12. We are now back where we started in the correcting mode, with our menu on the screen. However, up at the top of the screen a line has been added: "ENTER . TO REPLACE WITH: PENCILS". Since we do want to replace the word in the document with this correct spelling, hit the period (".") key and then press <ENTER>.

```
SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD           ENTER CORRECT WORD
LEAVE WORD "AS IS"              HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT          ?
DISPLAY DICTIONARY               @
ADD WORD TO DICTIONARY           +
EXIT                              !

WORD:      funk
RESPONSE:
```

13. "Funk" is part of a company name. Since I won't be using it much, let's hit <ENTER> to leave the word AS IS in the letter, but NOT to add it to the dictionary.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD	ENTER CORRECT WORD
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: wagnal's
RESPONSE:

14. "Wagnal's" is part of the same company name, so again we want to hit <ENTER> to leave AS IS.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD	ENTER CORRECT WORD
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: thatthe
RESPONSE:

15. "Thatthe" is really a typographical error but appears as a misspelling because two words have been run together. When correcting misspelled words, you do not have to decide whether or not the word needs to be capitalized. Electric Webster uses upper and lower case appropriately in the text.

Correct this typographical error by typing in the correct version "that the" and pressing the <ENTER> key.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISSPELLED WORD	ENTER CORRECT WORD
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: convenience
RESPONSE:

16. "Convenience" is a misspelling. Let's assume this time that I think I know what the correct spelling is, but I'm not sure. If I choose the option DISPLAY DICTIONARY and indicate what I think the correct spelling should be, Electric Webster will check its dictionary for this new spelling. If it is a correctly spelled word already in the dictionary, Electric Webster will use it to replace "convenience" in your document AUTOMATICALLY, and will go on to the next word to be corrected. If it is not a correct spelling Electric Webster will take you to the part of its dictionary where this new word would have appeared.

Let's try it out with "convenience". The correct spelling is "convenience", but let's say we thought it might be "canvenience". Hit the "@" Key (as we usually do for the DISPLAY DICTIONARY option) BUT follow it immediately by our proposed new spelling "canvenience" ("@canvenience").

canteen
canteens
canter
cantered
cantering
canters
cantor
cantors
?
canvas
canvases
canvased
canvaser
canvasers

17. Since "canvenience" was not a correct spelling, you will now have the dictionary list on your screen with a "?" indicating where it would have appeared. You could now scroll to find the correct spelling and use the "." replace feature to correct it in your document. However, for purposes of this exercise let's hit <ENTER> to return to the menu.

We're going to try this exercise again, but this time let's hit "@" plus the correct spelling, "@convenience", then hit <ENTER>. Since Electric Webster will find this correct spelling in its dictionary, it will automatically use it to replace the incorrect spelling "convenience" in your document and go on to the next correction.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD	ENTER CORRECT WORD
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: sincerley
RESPONSE:

18. "Sincerley" is a misspelling (should be "sincerely"). Correct it by typing in the correct spelling and hit <ENTER>.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD	ENTER CORRECT WORD
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: toole
RESPONSE:

19. "Toole" is part of the last name O'Toole. Since Electric Webster does not recognize single letters, it ignores the "O" and lists "Toole" as a potential error. This is also a name which I would like to add to the dictionary. Again, press "+" and hit <ENTER>.

SELECT THE APPROPRIATE RESPONSE:

CORRECT MISPELLED WORD	ENTER CORRECT WORD
LEAVE WORD "AS IS"	HIT <ENTER> KEY
DISPLAY WORD IN CONTEXT	?
DISPLAY DICTIONARY	@
ADD WORD TO DICTIONARY	+
EXIT	!

WORD: nd
RESPONSE:

20. "nd" is the abbreviation for North Dakota. However, let's say that I can't remember these letters in the text. I'll choose the option DISPLAY WORD IN CONTEXT, and at the end of the proofing process Electric Webster will show me this word as it appears in the text. Type a "?" and press <ENTER>.

DICTIONARY EXPANSION COMPLETE

21. You have now responded to all the words on Electric Webster's error list. Electric Webster now adds to its dictionary all the words which you've directed it to add. It then begins to correct your document. If the disk containing your document file is not found, Electric Webster will prompt you to insert it. If so, insert it into your last disk drive and press <ENTER>.

Sincerley,

Mr. Lefty O'Toole
Left-Handed Pencils, Inc.
123 My Street
Our City, ND???

WORD: nd
RESPONSE:

22. Electric Webster now displays for you each of the words you requested to see in context, as shown above, followed by several question marks. Here you see the word "ND" in context. You have three choices. You can type in the correct word, you can leave the word "as is" by hitting <ENTER>, or you can enter an ! which will leave the word as is and also skip all subsequent context displays of that word. If there were other words that you had previously requested to see in context, they would also be displayed, each in turn. In this case, we can see from the context that "ND" is a correct state abbreviation, so hit <ENTER> to leave AS IS in the text.

23. The proofing process is complete. Electric Webster AUTOMATICALLY expands its dictionary and corrects your document. If the disk with your document file is not found, Electric Webster will prompt you to insert it (as above).

24. The next step varies depending on the word processing program that you are using.

ELECTRIC PENCIL: Electric Webster returns you to the subcommand table. Press the right arrow to see your correct text.

LAZY WRITER: Electric Webster returns you to the Lazy Writer EDIT mode, with your corrected text on the screen.

NEWSSCRIPT: You will be given the prompt "PRESS <ENTER> TO REPLACE DOCUMENT, B TO MAKE BACKUP", then returned to the Newscrip menu. *If you press "B" the uncorrected document will be stored as <original filename>/BAK. If you press <ENTER> original document is killed and replaced with corrected one --*

SCRIPSIT (TRS-80 Model I or III) or SUPERSCRIP: Electric Webster returns you to SCRIPSIT, with your corrected text on the screen. *-- with the original name.*

NONINTEGRATED: Your corrected text is labeled CORRECT/TXT. Electric Webster returns you to DOS READY.

25. After the text is loaded, look through the corrected EXAMPLE file to see that the corrections you indicated were made. Remember that "s" and "it" were not corrected. Note that the document on disk has not been altered. If you wanted to retain the corrected text, you would need to save it. We recommend, however, that you do not do this, so that the next person who follows the exercise that you have just completed will have an original copy of EXAMPLE from which to work.

SUMMARY

In using Electric Webster you have had the opportunity to: 1) load text, 2) check the text for misspelled words, and 3) make corrections by either correcting the word, leaving it "as is", "displaying the word in context", "displaying the dictionary" or adding the word to the dictionary.

In "in context" mode you cannot add words to dictionary.

APPENDIX F

EXAMPLE #2

Adding Words to Electric Webster'S Dictionary

Words are easily added to the Electric Webster dictionary. One dictionary file (DICT3/EW) will contain all the words that you add. If this file becomes too large, you will have to put it on a disk by itself.

If you have the correcting version of Electric Webster you can add words to the dictionary in either of two ways: automatically during the correcting process as described in EXAMPLE #1; or by running the program ADDTODIC/EW independently.

This exercise will cover the use of ADDTODIC/EW. Before going any further with this example, you will need to make up a list of words (say a half dozen), that you wish to be added to the dictionary. Do that now.

TO ADD WORDS TO THE DICTIONARY, DO THE FOLLOWING:

1. Insert the disk containing the ADDTODIC/EW program into drive #0. If you have a second drive, insert any formatted disk into it. Using your word processing program, you will create a document containing your list of words to be added to Electric Webster's dictionary. After each word that you type, hit the <ENTER> key.

Here's a sample list:

biofeedback
enterprising
eligible
fast

2. Now, using the procedure outlined above, type your own list.
3. When you have finished typing your list, save it under the document name of your choice. Return to DOS and enter ADDTODIC/EW.
4. The screen will display, "ENTER NAME OF FILE CONTAINING WORDS TO BE ADDED TO THE DICTIONARY." Enter the name (document name) of the list.

5. If DICT3/EW is not found, the screen will display, "INSERT DICTIONARY DISK AND PRESS <ENTER> KEY." Insert the disk containing DICT3/EW in drive #1 and press <ENTER>.
6. When the screen displays, "DICTIONARY EXPANSION COMPLETED", the list has been added to the dictionary.

NOTE: Your dictionary disk can fill up due to the additions made to the DICT3/EW file. When your disk becomes almost full, you will need to move DICT3/EW to another formatted disk before further expanding the dictionary. During the dictionary expansion process, if DICT3/EW is not found, Electric Webster will automatically instruct you to insert a dictionary disk. Insert the disk containing DICT3/EW.

Editing Electric Webster'S Dictionary and Deleting Words:

1. Run the program PRINTDIC/EW. This will print the expansion dictionary file, DICT3/EW, to a document file named DICT3/SRC. This document will be a word list in the form described above. Examine this list using your word processing program. Do not be alarmed that the words are not exactly in alphabetical order and that there are a number of non-words listed such as "antia" and "zzzzx". (If you are using Electric Pencil you will need to RENAME this document file to DICT3/PCL before Pencil will load it.)
2. Now delete, change or add words to this list.
3. When the list is in the form that you want, save it. Then replace DICT3/EW on your working disk with a copy of DICT3/EW that is in the original form in which you received it. Now run the program ADDTODIC/EW giving DICT3/SRC as the required "NAME OF FILE CONTAINING WORDS TO BE ADDED TO DICTIONARY."