AstroApple

Capricorn · Aquarius · Pisces · Aries · Taurus · Gemini · Cancer · Leo · Virgo · Libra · Scorpio · Sagittarius

career · friendship · aspirations · self · money · expression · home · creativity · service · partners · death & rebirth · philosophy

11 10 9 8
12 7
1 6
2 3 4 5

BOB MALE

The
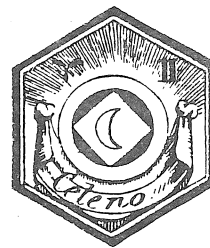**Software Factory**

AstroApple
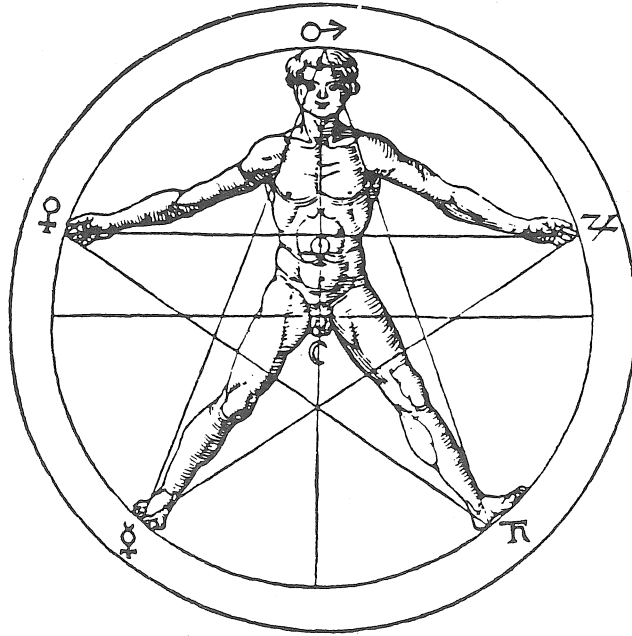
by

BOB MALE

This program is dedicated to
my wife, Lynn, our daughter,
Melissa, and my partners in
the Software Factory.

Thanks for your patience.
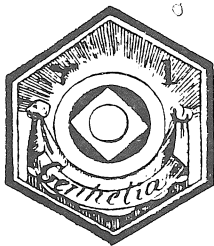
ASTROLOGY & COMPUTERS
AN INTRODUCTION

Astrology as an art and science has been in existence for thousands of years. Early civilizations as far back as 8000 BC began to hypothesize that their lives were influenced by the movement of the stars and planets. As their skill of observation grew, it was noted that these celestial objects seemed to move in predictable patterns across the sky. The result of these observations was the first recorded astrological system which was created by the Chaldeans in the seventh century BC. This system divided the sky into twelve sections, denoted by twelve major constellations, through which the Sun, Moon, and the other observable planets regularly traveled. Astrology in these times was primarily used by astrologer-priests who counseled the kings of Chaldea on matters of political or economic importance.

Astrology remained relatively unchanged until it was refined and documented by the Greek astronomer, Ptolemy. His work culminated in the writing of what is considered to be the first modern textbook of astrology, the Tetrabiblios. The functions assigned to the planets, houses, and signs of the Zodiac have changed very little since his work in the second century, AD.

In order to interpret the celestial activity, the astrologer must first construct maps of the solar system. For thousands of years, the necessary mathematics of the map have been laboriously performed by hand. But now, in the twentieth century, enters the computer. A computer does not eliminate the need for the calculations, but it can greatly enhance the speed and accuracy with which they are executed. Previously, the positions of each planet had to be extracted from volumes of planetary tables (ephemerides), but they can now be calculated from highly accurate mathematical formulas. The entire set of planetary positions can be compiled in seconds.

The art of astrological interpretation is also being attempted by the computer. This is an area where an experienced astrologer, with the ability to interpret the map as a whole, has the advantage over the machine. Computer interpretations tend to be general in nature, but remain a useful astrological tool.

Until recently, only large, expensive computers were capable of performing the calculations and interpretations. A great deal of computer astrology still exists on machines that produce a multi-page horoscope (birth chart) for $20 or more. But now there's ASTROAPPLE! ASTROAPPLE performs the calculations, and not only provides interpretation, but also performs compatability studies, and 30 day forecasts as well. All this on your APPLE II micro computer!

ASTROAPPLE was written by a former teacher of astrology and has been over a year in development. It can serve as a useful tool for the experienced astrologer, as well as an in-depth introduction for the novice. Whatever your astrological skill may be, I think you'll find ASTROAPPLE entertaining, educational, and well worth your investment.

ASTROAPPLE ON DISKETTE

The diskette version of ASTROAPPLE consists of this manual and a single diskette. It requires a minimum of 32K to execute and operates optimally on a 48K system. The diskette contains the following programs:

ASTROAPPLE First program that is executed. It requests the birth data and calculates the horoscopes.

ASTROL2 Second program that is executed. It produces the interpretation, compatability ratings, and 30 day forecasts.

ASTROL2.48K This is the same as ASTROL2 with enhancements to take advantage of the additional memory.

ASTROTEXT A text file containing the textual interpretation used by ASTROL2.

NOTE: This file may be retained and used by further executions of ASTROAPPLE. The first program will add the new horoscopes at the end of the old ones. If the file does not exist when the first program begins execution, a new file with the same name will be created. If you don't want the new charts added to the old file, either rename it before the next execution, or reply YES to the request to delete the file at the end of execution. A YES reply deletes all the horoscopes and birth data.

One additional file may be required to make your ASTROAPPLE diskette complete. This is Applesoft Basic. If you are not using the ROM card Applesoft, load a copy of Applesoft from another diskette and save it on this diskette. Be sure to use the name 'APPLESOFT'. Your diskette is now ready for automatic operation.

TO BEGIN EXECUTION

If DOS is already active, type:

    RUN ASTROAPPLE

If DOS is not in the system, simply boot DOS from the ASTROAPPLE diskette. Execution will begin automatically.

TROUBLESHOOTING

If an error occurs in the first program (ASTROAPPLE) and you are still in Applesoft, type: GOTO 1007. This restarts the program. Do not type RUN.

If you accidently hit reset, type: 3D0G to return to Applesoft, followed by GOTO 1007 to resume execution.

To restart the second program (ASTROL2 or ASTROL2.48K), simply type: RUN.

If you hit reset in the second program, type: 3D0G to return to Applesoft before typing RUN.

ASTROAPPLE ON CASSETTE

The cassette version of ASTROAPPLE consists of this manual and a single cassette. It is designed for those APPLE II owners without a disk, but it can be used with a disk system if desired. Instructions for the conversion to diskette are included at the end of this section. ASTROAPPLE requires a minimum of 32K in which to execute. You will be able to produce approximately 8 horoscopes at a time in this size system. The more memory your system has, the more horoscopes you will be able to produce in a single execution of the program.

Each side of the cassette contains the following programs:

> ASTROAPPLE   (Applesoft Basic program - 1 min 15 sec)
>
> ASTROSUB   (6502 machine language program - 12 sec)
>
> ASTROL2   (Applesoft Basic program - 2 min)

The times given are the approximate times it should take to load that particular program into your machine.

ASTROAPPLE requires that Applesoft Basic, either the ROM card or cassette version, be active before it's programs can be loaded. Once you have Applesoft up, you're ready to begin.

HOW TO RUN ASTROAPPLE (CASSETTE)

Rewind the tape (either side), and using the normal procedure for loading programs from tape, execute the following commands:

> LOAD   (Loads the first program - ASTROAPPLE)

When the loading is complete, stop the tape and type:

> CALL - 35   (Enters the monitor)
>
> 8ØØ.93ØR   (If you are using ROM Applesoft - loads ASTROSUB)
>   or
> 3ØØØ.313ØR   (If you are using cassette Applesoft)

When this program has been loaded, type:

> ØG   (Returns to Applesoft)
>
> RUN   (Starts the execution of ASTROAPPLE)

ASTROAPPLE will now begin prompting you for birth information. (See the section on HOW TO USE ASTROAPPLE on page 5 for details). When all desired horoscopes and forecasts have been calculated, reply NO to the prompt:

> DO YOU WISH TO COMPUTE ADDITIONAL HOROSCOPES?

the message:

> LOAD ASTROL2

will appear. You must now load the third program (ASTROL2) from the tape which will generate interpretation, forecasts, and compatability studies.

ASTROAPPLE ON CASSETTE (CONT)

When the Applesoft prompt reappears, (the loading is complete), type:

       RUN   (Begins execution of ASTROL2)

You should again consult the section HOW TO USE ASTROAPPLE (second program) on page 7 for the details of how to use this program.

TROUBLESHOOTING

If an error occurs while executing the first program and you are still in Applesoft, you can attempt to recover by typing: GOTO 1007.

If you accidently hit reset, type ØG to reenter Applesoft before typing: GOTO 1007 to resume execution.

If an error occurs while executing the second Basic program (ASTROL2), and you are still in Applesoft, type: RUN to resume execution.

If you hit reset, type ØG to reenter Applesoft; then RUN to restart the program.

If the above recovery proceedures are not successful, you will have to reload the program(s) from tape.

COPYING THE CASSETTE VERSION TO DISKETTE

Follow the steps outlined above to load the first program and the machine language routine from tape. Before you type: RUN, save these on diskette by typing:

       SAVE ASTROAPPLE   (Saves the first Basic program)

       BSAVE ASTROSUB,A$800,L$130   (if the ROM card is in use - saves ASTROSUB)
              or
       BSAVE ASTROSUB,A$3ØØØ,L$13Ø (If cassette Applesoft is being used)

When the above programs have been transferred to diskette, type:

       LOAD   (Loads the second Basic program from tape)

When the prompt reappears, type:

       SAVE ASTROL2   (Saves the second Basic program)

This completes the transfer from cassette to diskette. To execute this version of ASTROAPPLE from disk, type:

       LOAD ASTROAPPLE   (Loads the first program)

       BLOAD ASTROSUB,A$8ØØ   (If the ROM card is in use)
             or
       BLOAD ASTROSUB,A$3ØØØ   (If cassette Applesoft is being used)

       RUN   (Begins execution)

TROUBLESHOOTING

If an error occurs while running the cassette version of ASTROAPPLE from disk, consult the troubleshooting proceedures for the diskette version found on page 2 of this manual.

HOW TO USE ASTROAPPLE

The first step in using ASTROAPPLE is to gather the birth data of all the persons for whom astrological charts and/or 30 day forecasts are to be produced.
This data consists of:

★ Date of birth
★ Time of birth
★ Latitude of birthplace
★ Longitude of birthplace

The time of birth should be in local standard time. If daylight savings time was in effect, subtract 1 hour from your time.

What if you don't know your time of birth? An effort should be made to find out the exact time. An accurate horoscope (map) requires this time to correctly record the positions of the stars and planets. If the time cannot be obtained, a best guess or 12:00 PM should be used.

A table of longitudes and latitudes for 110 major cities in the U.S. and the world can be found on page 15 of this manual. If the birthplace isn't near one of the cities listed in the tables, an atlas should be consulted.

Now you're ready to begin ...

FIRST PROGRAM (ASTROAPPLE)

Begin execution of ASTROAPPLE as described in the previous section for your version of the program. After the title screen, you will be prompted for the birth information with the following display:

*** A S T R O A P P L E ***

PLEASE ENTER:

YOUR NAME: -   Enter the subject's name

BIRTHDATE (MON,DAY,YR) :   -   Enter the birthdate in the form: month, day,
                                year. (ex 3,14,1879)

TIME OF BIRTH (HRS,MIN):   -   Enter the '24 hour clock' version of the time
                                of birth. (ex 4:05 AM is 4,05; 4:05 PM is 16,05)

LATITUDE (DEG,MIN)   :   -   Type the latitude in the form: degrees,
                                minutes. If the birthplace is south of the
                                equator, (southern latitudes), the degrees
                                should be preceded by a minus sign.
                                (ex Lima, Peru -12,06)

LONGITUDE (DEG,MIN) :   -   Type the longitude of the birthplace in the
                                form: degrees, minutes. If the birthplace is
                                east of England, (eastern longitudes), precede
                                the degrees with a minus sign.
                                (ex Paris, France -2,20)

ASTROAPPLE will then inquire:

HAS THE DATA BEEN ENTERED CORRECTLY? (Y/N)

If it has, reply with a Y for yes. If an error was made and you want to try again, reply N for no and the prompting for data will begin again.

If you replied Y (yes) to the last question, ASTROAPPLE will begin computing your horoscope. It takes approximately 25 seconds to perform the calculations so don't be alarmed if the program doesn't respond immediately. When the calculations are complete, you will be prompted:

      DO YOU WANT A 30 DAY FORECAST FOR THIS PERSON? (Y/N)

If the answer is yes, reply Y and you will be prompted:

      FORECAST FOR WHAT MONTH? (MON,YR)

Type the month and year of the forecast you desire. (ex 8,79). ASTROAPPLE will again begin its calculations and 25 seconds later you will be asked:

      DO YOU WANT ANOTHER 30 DAY FORECAST FOR THIS PERSON? (Y/N)

You may generate as many forecasts as you like by continually replying Y to this prompt. If you do not desire a forecast (or additional forecasts), reply N to the 'request for forecast' prompt.

A new message will then appear that reads:

      DO YOU WISH TO COMPUTE ANY MORE HOROSCOPES? (Y/N)

A reply of Y (yes) to this question will return you to the series of prompts that request the birth data. You should continue to reply Y until everyone who desires a horoscope or forecast has entered their data.

When all the horoscopes have been calculated, reply N to the prompt for more horoscopes. You are now ready to begin the interpretation.

WARNING: You cannot return to the first part of ASTROAPPLE to add additional data once the interpretation has begun.

SECOND PROGRAM (ASTROL2)

The second program must now be loaded to produce the natal interpretations, 30 day forecasts, and compatability studies. For diskette users, execution of this program will begin automatically. Cassette version users should consult the previous section for instructions on how to load and run this program.

The first screen you should see will contain a list of all the persons whose horo-scopes and forecasts have been calculated. This display will be referred to as the 'menu' or 'main selector' throughout the remainder of this booklet. 30 day fore-casts (progressed horoscopes) are preceded by a P. If the number of subjects exceeds the maximum that can be displayed on one screen, you will be prompted to:
PRESS ANY KEY before the next screen of subjects will appear.

Each chart is identified by the number that precedes the subject's name. They will appear in the order in which they were calculated by the first program. For example:

      1 - ALBERT EINSTEIN   (natal horoscope)
    P 2 - ALBERT EINSTEIN   (30 day forecast)

The bottom of the screen will read:

     PICK A SUBJECT NUMBER:
     ENTER 'C' FOR A COMPATABILITY STUDY

YOUR OPTIONS ARE:

'C' - This begins a compatability study of 2 or more subjects who have entered their birth data. Please see the section on compatability (page 8) for further details.

'E' - This terminates ASTROAPPLE and exits to Applesoft basic.

'n' - The number of a subject listed in the 'menu' that is not preceded by a 'P'. This will begin the interpretation of that natal horoscope.

'n' - The number of a subject listed in the 'menu' that is preceded by a 'P'. This will produce a 30 day forecast for that individual. Please see the section on 30 day forecasts (page 8), for further details.

'Pn' - This turns on the printer that is located in slot 'n'. It is automatically turned off after the interpretation, forecast, or compatability study has been displayed.

★ NATAL HOROSCOPE INTERPRETATION ★

ASTROAPPLE produces a series of displays which attempt to describe the individual. They are:

'Your Personality' - a paragraph which describes your Sun sign

'Your Emotional Behavior' - a paragraph which describes your Moon sign

'The Way Others See You' - a paragraph describing your ascendant, (refer to page 10)

Traditional astrology groups the signs by threes and fours. The grouping by threes is called the 'elements'. Each sign is said to represent either fire, earth, air, or water. The grouping by fours is called 'qualities', and each sign is either cardinal, fixed, or mutable. The number of planets that fall into each of these groupings can be of use in making a general statement about the individual. ASTRO-APPLE produces a statement for both the 'elements' and 'qualities' for that subject's chart.

Polarities are also important in astrology, and strong relationships may develop between opposite signs of the Zodiac. The old adage 'opposites attract' is interpreted astrologically by indicating the sign opposite your Sun sign.

The seventh House is the house of marriage and partnerships. The sign of this house is often a good indicator of a marriage partner and is included in the interpretation.

This concludes the textual interpretation of the natal horoscope, but before you are returned to the main selector, you will be prompted:

DO YOU WANT CONSTRUCTION DETAILS?

If you reply NO, you will be returned to the main selector. A YES reply will produce a linear representation of your horoscope. This is required if you want to make a permanent record of your chart, or wish to utilize the keyword interpretations found on page 12. After viewing the chart, typing any key will return you to the selector.

For those of you who are already familiar with astrology, it should be mentioned that ASTROAPPLE uses the Morinus system of calculating House Cusps. This system was chosen because it takes into consideration the latitude of the birthplace.

★ 30 DAY FORECASTS ★

The art of progressed astrology (horoscopes constructed for times other than birth), has been practiced for thousands of years. It is used as a tool to describe the individual's life the way it is today, and predict the way it may be tomorrow. ASTROAPPLE uses a method of progressing the horoscope called 'tertiary directions' to produce its forecasts. Using this system, a new horoscope is created for the 1st day of the month you specify when you request a forecast.

Many factors must be considered when interpreting a progressed horoscope. One factor is the angles formed between the planets of the progressed chart, and the planets of the natal (birth) chart for the same individual. These angles are called transits, and represent the timing of future events. Since the specific angles required to form these transits may not exist every day, there will be some days during the month being forecasted that will not have any projections.

The forecast will appear as a series of projections for various days of the month. Each projection is preceded by a 'DAY #'. That day number is the day of the month. (example: DAY 15 - the fifteenth day of that month). Several screens may be required to display the entire forecast. When the last screen has been displayed, you will be prompted:

    DO YOU WANT CONSTRUCTION DETAILS?

Reply 'YES' if you want to view the linear representation of your progressed horoscope.
Reply 'NO' to return to the main selector.

★ COMPATIBILITY ★

ASTROAPPLE produces an astrological compatability study for all the subjects whose natal horoscopes have been calculated. The angles between the planets of the two natal charts are compared, and compatability ratings are generated. Separate ratings are produced for:

        Physical Compatability - angles between the planets that govern physical
                                and sexual drives are analyzed to produce this
                                rating. (example: the Sun, Mars, and Venus)

        Intellectual Compatability - Planets that deal with the mind and mental
                                pursuits are compared to generate this rating.
                                (example: Mercury and Jupiter)

        Emotional Compatibility - A comparison of the planets that determine the
                                person's temperament and emotional behavior is
                                made to produce this rating. (example: the Moon
                                and Venus)

When you first enter the compatability routine, you will be prompted:

        ENTER A PAIR OF SUBJECT NUMBERS OR 'A' TO COMPARE ALL SUBJECTS.

If you only want a compatability study performed for two subjects, enter their subject numbers separated by a comma. (example: 4,8).
If you want all the subjects to be compared, type 'A'.

All ratings are given on a 10 point scale with 10 being totally compatable, and 0 being totally incompatable. The results may surprise you!

THE HOROSCOPE DEFINED

NAME: Albert Einstein

BORN: March 14, 1879

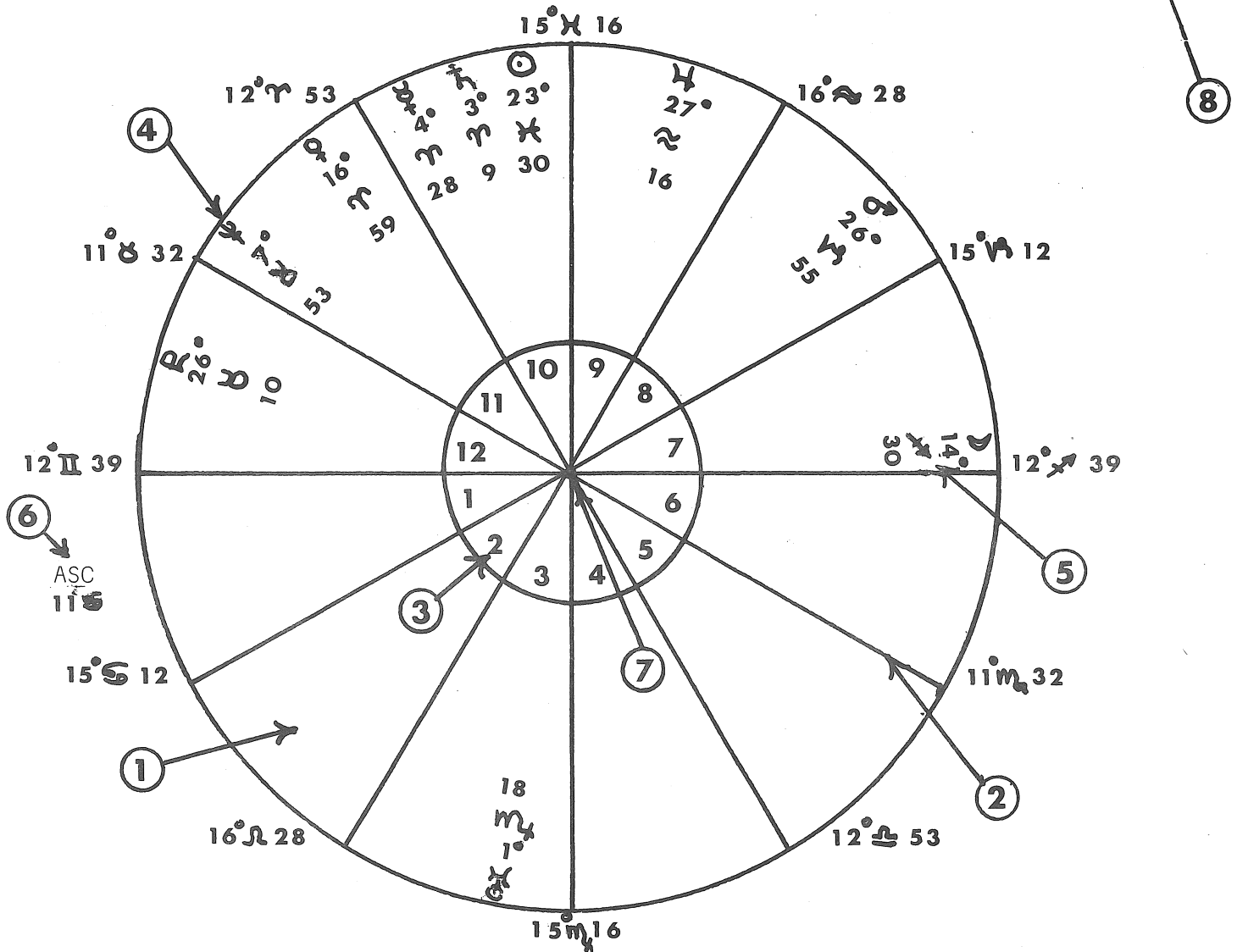TIME: 11:50 AM

PLACE: Ulm, Germany

LAT: 48° 10 **N**

LONG: 10° 0 **E**

(1) — House (area between the lines)

(2) — House Cusp

(3) — Number of the House

(4) — Planet

(5) — Sign of the Zodiac

(6) — Ascendant

(7) — Earth

(8) — Birth Data

9

★ SIGNS & SYMBOLS ★

SIGNS

NAME	SYMBOL	DESCRIPTION
ARIES _____	♈	RAM
TAURUS _____	♉	BULL
GEMINI _____	♊	TWINS
CANCER _____	♋	CRAB
LEO _____	♌	LION
VIRGO _____	♍	VIRGIN
LIBRA _____	♎	SCALES
SCORPIO _____	♏	SCORPION
SAGITTARIUS _	♐	ARCHER
CAPRICORN ___	♑	GOAT
AQUARIUS ____	♒	WAVES
PISCES _____	♓	FISH

PLANETS

NAME	SYMBOL
SUN _____	☉
MOON _____	☽
MERCURY _____	☿
VENUS _____	♀
MARS _____	♂
JUPITER _____	♃
SATURN _____	♄
URANUS _____	♅
NEPTUNE _____	♆
PLUTO _____	♇

★ ASTROLOGICAL DEFINITIONS ★

ASCENDANT - The Rising sign. The sign on the eastern horizon at the time of birth.

ASPECT - The angle between two planets from the reference point of the Earth.

EPHEMERIS = Tables of planetary positions for a particular interval of time.

GEOCENTRIC - A reference frame of the solar system with the Earth at the center.

HOROSCOPE - A map of the heavens for a certain moment of time.

HOUSES - The 12 sections of the circle that represent specific aspects of the subject's life.

MUNDANE ASTROLOGY - The astrolcgy of places and events

NATAL ASTROLOGY - The study of horoscopes constructed for time of birth.

PROGRESSED ASTROLOGY - The study of a natal chart progressed to a time after birth.

SIDEREAL TIME - Star time. The time of day using the constellations as a reference frame.

SIGN - One of the 12 constellations that make up the Zodiac.

TRANSIT - The angle formed between a planet of a progressed chart and a planet of that same person's natal chart.

ZODIAC - The plane of constellations across which the planets travel.

CREATING A PERMANENT RECORD

The most familiar and identifiable symbol of astrology is the astrological wheel or circular horoscope. It represents a map of the heavens for an exact moment of time. The circle is divided up into 12 equal sections or Houses. The lines dividing the houses are called the House cusps. The positions of the Planets and Signs (constellations), are recorded on the chart as if the Earth were the center of the universe, and the stars and planets moved around it.

ASTROAPPLE produces a linear version of the horoscope at the end of each natal chart's interpretation. (You must reply 'YES' to the request for construction details in order to receive this data). The first column is a list of the positions of each House, (actually the House cusps), in the format of degrees, sign, and minutes. (example: 10 ♈ 25 = 10 degrees Aries 25 minutes). The 2nd column is a list of the planets' positions using the same notation. This map can easily be converted to the circular format by following the steps listed below.
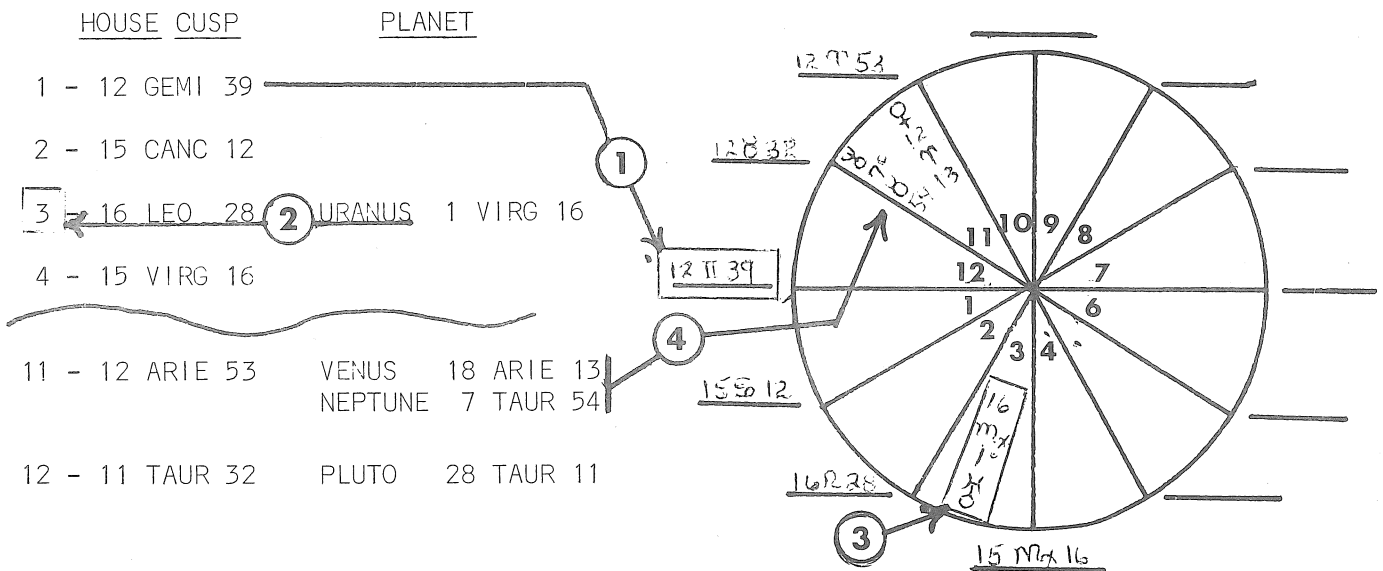
1) Make a copy of the blank circular horoscope found on page 16.

2) Starting with the entry for the 1st House, copy the position of each House cusp to its appropriate location on the circle. The proper notation is the number of degrees, followed by the symbol of the sign, then the number of minutes. (see ① below)

3) For each planet, determine the house in which that planet is located from the linear chart, and record its position on the circle. The planet is located in the house that is situated on the same line of the linear chart. (see ② below - Uranus is in the 3rd House). If no entry for a House cusp is printed on that line, use the number of the House just preceding.

4) Record the planet's position on the circular chart using the following notation: the planet's symbol, followed by the number of degrees, the symbol of the sign, and the number of minutes. They should be written in a straight line toward the center of the circle, with the planet's symbol being closest to the outside edge. (see ③ below)

NOTE: Several planets may reside in the same house, so make sure you leave enough room to record each one. Multiple planets in the same house should be recorded in a counter clockwise direction, and in the order that they appear on the linear chart. (see ④ below)

5) Fill in the name and birth data at the top of the chart to complete your permanent record.

LINEAR CHART

CIRCULAR CHART

HOUSE CUSP	PLANET
1 - 12 GEMI 39	
2 - 15 CANC 12	
3 - 16 LEO 28	URANUS 1 VIRG 16
4 - 15 VIRG 16	
11 - 12 ARIE 53	VENUS 18 ARIE 13
	NEPTUNE 7 TAUR 54
12 - 11 TAUR 32	PLUTO 28 TAUR 11

★ ASTROLOGICAL KEYWORDS ★

ASTROAPPLE begins the task of interpreting the horoscope. Additional insight into the personality of the individual can be gained by analyzing the planets, their signs, and the houses in which they are located. A powerful but simple method is the use of astrological keywords. With this system, each planet, house, and sign is defined in a manner that allows them to be combined into a series of statements unique to that individual. Each planet represents a facet of the person. Emotions, personality, and communicative powers are examples of the Sun, Moon, and Mercury respectively. The signs of the Zodiac are represented as adverbs such as thoughtfully, or aggressively, which describe the manner in which the planets exert their influence. Lastly, each house represents an area of the individual's life. Examples of keywords for houses are 'money and business' (2nd house), and 'health and work' (6th house).

HOW TO USE ASTROLOGICAL KEYWORDS

The chart construction details provided by ASTROAPPLE are required for keyword interpretations. Copy the horoscope the way it appears on the screen, noting the position of each planet, and the house in which it is located. (You may choose to make a permanent copy of your horoscope in the more familiar circular format at this time. If so, details for creating this chart have been outlined on page 11 of this manual.)

For each planet, perform the following steps:

   ★ Look up the definition for that planet, it's sign, and house in the keyword table located on the next page.

   ★ Create a sentence by inserting the definitions into the appropriate blanks of the sample sentence that follows the table.

EXAMPLE:

The sample chart for Albert Einstein on page 9 shows the planet Mercury to be located at 5 degrees Aries in the 10th House. The keyword interpretation would read:

   The individual uses his <u>communicative powers,</u> <u>aggressively,</u> in the area
                                          (Mercury)   (Aries)
   of <u>career and success.</u>
         (10th House)

This sentence may sound a little awkward, but with a little thought it can be reworded to say:
      Albert Einstein was able to communicate his ideas effectively to his
      fellow scientists.

This keyword system may take a little practice, but it does provide a quick and useful introduction to horoscope interpretation. It is also a powerful method of learning the general characteristics of the Houses, Planets, and Signs.

★ TABLE OF ASTROLOGICAL KEYWORDS ★

PLANETS		SIGNS		HOUSES	
Sun	– self	Aries	– aggressively	1	– personality
Moon	– inner emotions	Taurus	– practically	2	– money and business
Mercury	– communicative powers	Gemini	– thoughtfully	3	– communication
Venus	– visible emotions	Cancer	– tenatiously	4	– family and home life
Mars	– impulsive drives	Leo	– proudly	5	– creativity
Jupiter	– ability to achieve success	Virgo	– precisely	6	– health and work
Saturn	– cautious nature	Libra	– harmoniously	7	– marriage and partnerships
Uranus	– inventiveness	Scorpio	– passionately	8	– death and rebirth
Neptune	– intuitiveness and artistic talent	Sagi.	– jovially	9	– travel
Pluto	– evolution of character	Capr.	– cautiously	10	– career and success
		Aquarius	– humanely	11	– friendships
		Pisces	– sensitively	12	– aspirations and limitations

KEYWORD SENTENCE

The individual uses his/her __PLANET__ , __SIGN__ , in the area of __HOUSE__ .

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ASTROAPPLE.

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★ LATITUDES & LONGITUDES ★

USA CITY, STATE	LAT	LONG	WORLD CITY, COUNTRY	LAT	LONG
Albuquerque, New Mexico	35 06 N	106 38 W	Aberdeen, Scotland	57 10 N	2 5 W
Atlanta, Georgia	33 44 N	84 22 W	Amsterdam, Netherlands	52 21 N	4 52 E
Baltimore, Maryland	39 18 N	76 35 W	Athens, Greece	38 0 N	23 38 E
Bangor, Maine	44 48 N	68 48 W	Baghdad, Iraq	33 14 N	44 22 E
Birmingham, Alabama	33 31 N	86 50 W	Bangkok, Thailand	13 50 N	100 29 E
Bismarck, North Dakota	46 48 N	100 47 W	Barcelona, Spain	41 25 N	02 08 E
Boise, Idaho	43 37 N	116 12 W	Beirut, Lebanon	33 53 N	35 30 E
Boston, Massachusetts	42 20 N	71 01 W	Belfast, Ireland	54 36 N	05 45 W
Casper, Wyoming	42 51 N	106 20 W	Berlin, Germany	52 27 N	13 26 E
Charleston, So. Carolina	32 46 N	79 49 W	Bern, Switzerland	46 55 N	07 25 E
Charlotte, No. Carolina	35 13 N	80 51 W	Birmingham, England	52 29 N	01 53 W
Chicago, Illinois	41 52 N	87 37 W	Bombay, India	18 58 N	72 50 E
Cincinatti, Ohio	39 08 N	84 30 W	Budapest, Hungary	43 30 N	19 05 E
Concord, New Hampshire	43 13 N	71 32 W	Buenos Aires, Argentina	34 32 S	58 30 W
Dallas, Texas	32 46 N	96 45 W	Cairo, Egypt	30 30 N	31 17 E
Denver, Colorado	39 45 N	105 00 W	Calgary, Canada	51 03 N	114 05 W
Des Moines, Iowa	41 36 N	93 34 W	Caracas, Venezuela	10 30 S	66 56 W
Detroit, Michigan	42 20 N	82 58 W	Dublin, Ireland	53 20 N	06 15 W
El Paso, Texas	31 49 N	106 26 W	Frankfurt, Germany	52 20 N	14 31 E
Fairbanks, Alaska	64 50 N	147 48 W	Glasgow, Scotland	55 54 N	04 25 W
Helena, Montana	46 37 N	112 01 W	Havana, Cuba	23 07 N	82 22 W
Hilo, Hawaii	19 44 N	155 01 W	Helsinki, Finland	60 10 N	24 53 E
Honolulu, Hawaii	21 13 N	157 50 W	Istanbul, Turkey	41 02 N	29 00 E
Houston, Texas	29 47 N	95 21 W	Jerusalem, Israel	31 46 N	35 14 E
Indianapolis, Indiana	39 48 N	86 13 W	Lima, Peru	12 06 S	76 55 W
Jackson, Mississippi	32 20 N	90 11 W	Lisbon, Portugal	38 42 N	09 05 W
Jacksonville, Florida	30 20 N	81 39 W	London, England	51 30 N	00 07 W
Las Vegas, Nevada	36 10 N	115 11 W	Madrid, Spain	40 26 N	03 42 W
Little Rock, Arkansas	34 45 N	92 17 W	Mexico City, Mexico	19 28 N	99 09 W
Los Angeles, California	34 03 N	118 15 W	Montery, Mexico	25 43 N	100 19 W
Louisville, Kentucky	38 14 N	85 42 W	Montreal, Canada	45 32 N	73 35 W
Miami, Florida	25 46 N	80 12 W	Moscow, Soviet Union	55 45 N	37 37 E
Milwaukee, Wisconson	43 04 N	87 52 W	Osaka, Japan	34 40 N	135 27 E
Minneapolis, Minnesota	44 58 N	93 13 W	Oslo, Norway	59 03 N	10 35 E
Nashville, Tennessee	36 08 N	86 44 W	Ottawa, Canada	45 24 N	75 43 W
New Orleans, Louisiana	29 59 N	90 08 W	Paris, France	48 51 N	02 20 E
New York, New York	40 52 N	73 53 W	Peking, China	39 55 N	116 23 E
Omaha, Nebraska	41 15 N	95 58 W	Plymouth, England	50 25 N	04 14 W
Philadelphia, Penn.	39 57 N	75 12 W	Prague, Czechoslovakia	50 05 N	14 30 E
Phoenix, Arizona	33 31 N	112 03 W	Quebec, Canada	46 48 N	71 15 W
Pittsburg, Pennsylvainia	40 29 N	80 01 W	Rio de Janero, Brazil	22 50 S	43 20 W
Portland, Oregon	45 31 N	122 42 W	Rome, Italy	41 52 N	12 37 E
Richmond, Virginia	37 33 N	77 28 W	Sapporo, Japan	43 02 N	141 29 E
Sacramento, California	38 33 N	121 29 W	Stockholm, Sweden	59 23 N	18 00 E
St. Louis, Missouri	38 38 N	90 16 W	Sydney, Australia	33 55 S	151 17 E
Salt Lake City, Utah	40 46 N	111 54 W	Taipei, Taiwan	25 02 N	121 38 E
San Diego, California	32 42 N	117 14 W	Tehran, Iran	35 45 N	51 30 E
San Fransisco, California	37 48 N	122 22 W	Tel Aviv, Israel	32 03 N	34 46 E
Seattle, Washington	47 33 N	122 15 W	Tokyo, Japan	35 41 N	139 44 E
Spokane, Washington	47 43 N	117 31 W	Vancouver, Canada	49 18 N	123 07 W
Syracuse, New York	43 02 N	76 10 W	Vienna, Austria	48 13 N	16 22 E
Tulsa, Oklahoma	36 09 N	95 59 W	Warsaw, Poland	52 15 N	21 05 E
Washington D.C.	38 55 N	77 02 W			

TYPE OF CHART: _____

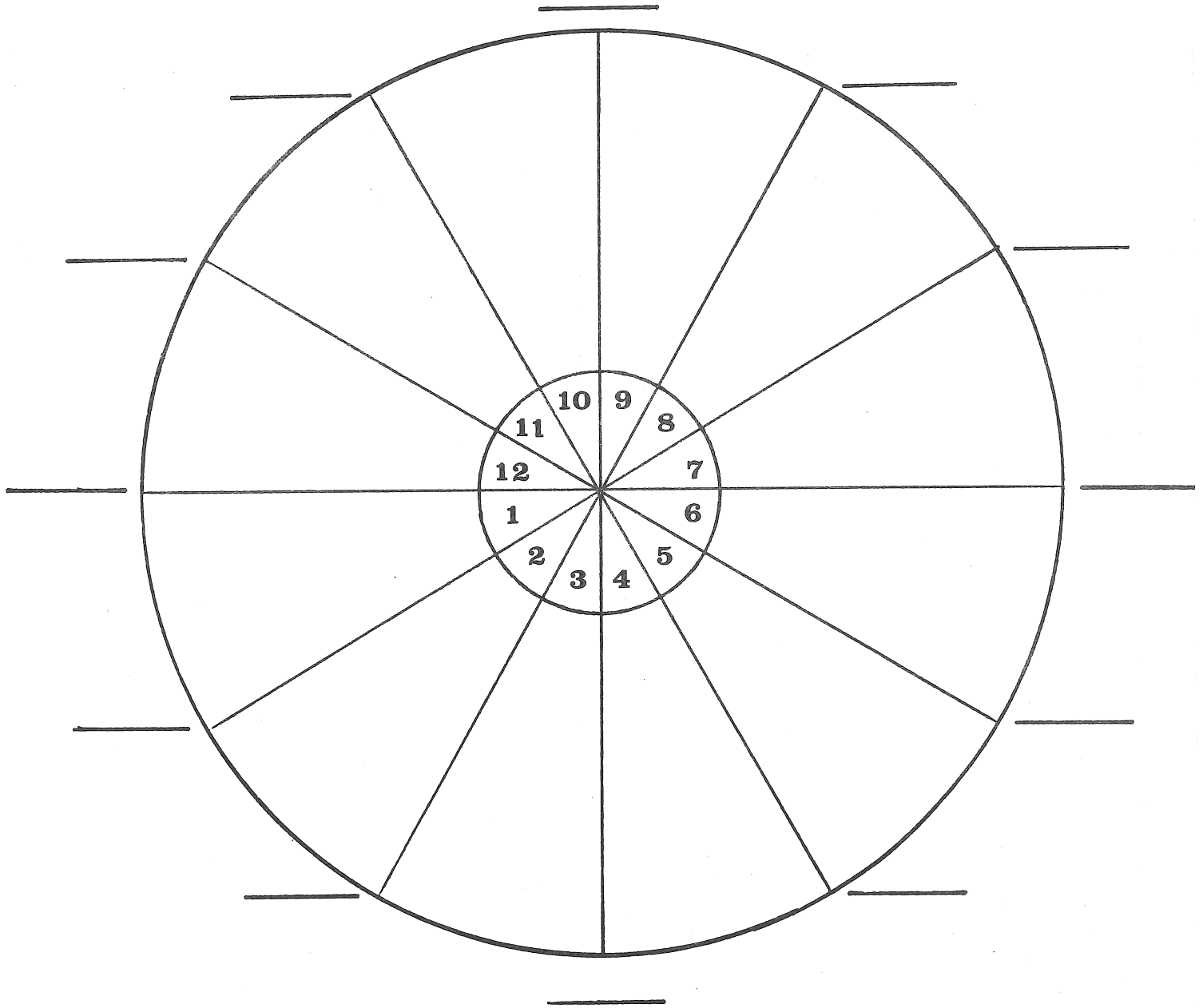HOUSE SYSTEM: __MORINUS__

NAME: _____

DATE: _____

TIME: _____

PLACE: _____

LAT: _____

LONG: _____

ASTROAPPLE ADDENDUM

The following errors and/or omissions have been discovered since the initial printing of the ASTROAPPLE manual.

CASSETTE VERSION

A maximum of 6 charts or 30 day forecasts may be calculated at 1 time by users with a 32K system _and_ cassette Applesoft. When all the available memory for these charts has been utilized, the first program (ASTROAPPLE), will automatically prompt you to load the interpretation program (ASTROL2).

Due to severe space limitations, the ability to choose a pair of subjects for a compatability study has not been implemented. (see page 8). Typing a C for a compatability study results in a comparison of all the subjects.

CASSETTE VERSION ON DISKETTE

You must have a 48K system or a 32K system and the Applesoft Rom card to run cassette ASTROAPPLE from disk.

DISKETTE VERSION

A 32K system with cassette Applesoft requires that a MAXFILES 1 command be executed before running ASTROAPPLE. Booting the DOS system from the ASTROAPPLE diskette will execute the MAXFILES 1 command automatically.

An extensive effort has been made to insure the accuracy of the program and this manual. If, however, you discover a problem or have a suggestion for a future version of ASTRO-APPLE, I'd like to hear from you. Please address your comments/suggestions to:

The
Software Factory

P.O. BOX 904

CHATSWORTH, CA 91311