
-LUBBOCK COMPUTER CLUB CALENDAR-

LUBBOCK SPRING COMPUTER SHOW
SATURDAY: MAY 14 - 10 AM TO 6 PM
ALL SAINTS SCHOOL - 4601 83 RD

* * * * * SPECIAL TOUR * * * * *
TEXAS TECH UNIVERSITY
PSYCHOLOGY BUILDING ON CAMPUS
FRIDAY - MAY 20 - 7:30 PM
MEET OUTSIDE THE BUILDING
WE'LL THEN TOUR THE BUILDING
AND SEE THE COMPUTER RUN

* NO USERS GROUP MEETINGS IN MAY

CLUB MEMBERS WILL MEET AT ALL
SAINTS SCHOOL FRIDAY MAY 13
TO PICK UP TICKETS AND PREPARE
FOR THE SHOW. 8 PM - PLEASE BE
THERE AND HELP MAKE THIS A GOOD
SHOW FOR EVERYONE!! IT'S YOURS!

JUNE 3 - TRS-80 & APPLE MEETINGS
4201 FRANKFORD - 7:30 PM

JUNE 17 - GENERAL CLUB MEETING
4201 FRANKFORD - 7:30 PM

WE WILL HAVE A SPECIIL DEMO BY
ED WIEST FROM TEXAS INSTRUMENTS
QUADRAPHONIC SOUND FROM A 99/4A

JUNE 18 - 99/4 USERS MEETING
LUBBOCK CHRISTIAN COLLEGE
ROOM 207 OF THE ADMIN BLDG 2 PM

JAMES REDDING wrote this little airplane game. It moves an airplane around the screen when one of 16 keys are pressed. When you learn which keys do what, you will be able to fly the airplane around and get it to do acrobatics.

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100 REM AIRPLANE
110 CALL CLEAR
120 R=1
130 RO=1
140 C=1
150 CO=1
160 CALL CHAR(65,"00008E80FF0E0400")
170 CALL CHAR(70,"3C1B1B1BFFFFFF18")
180 CALL CHAR(73,"0409122C5A902B40")
190 CALL CHAR(76,"060E3C3B7CE7C302")
200 CALL CHAR(75,"0000FF0018FF2400")
210 CALL CHAR(74,"209048345A091402")
220 CALL CHAR(96,"3E55553E3E3E3636")
230 CALL CHAR(80,"204060341A1D0E17")
240 CALL CHAR(81,"A0D0E870B00D0600")
250 CALL CHAR(71,"0E0E8EFFFF8E0E0E")
260 CALL CHAR(72,"707071FFFFFF717070")
270 CALL CHAR(77,"20703C1C1EE7C240")
280 CALL CHAR(79,"40C3271E1C3C7060")
290 CALL CHAR(78,"02C3E4783883C0E06")
300 CALL CHAR(69,"18FFFFFF1818183C")
310 CALL CHAR(66,"050B170E1DB06000")
320 CALL CHAR(67,"00007001FF7020000")
330 CALL CHAR(68,"0402062C58B870E8")
340 CALL HCHAR(24,1,95,29)
350 CALL HCHAR(21,1,95,28)
360 CALL HCHAR(22,6,75,2)
370 CALL HCHAR(22,18,96)
380 R=23
390 C=1
400 FOR FLIGHT=1 TO 300
410 CALL KEY(O,P,STATUS)
420 IF STATUS=0 THEN 410
430 CALL HCHAR(RO,CO,32)
440 CALL HCHAR(R,C,P)
450 CALL BCHAR(R,C,P)

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460 RO=R
470 CO=C
480 IF P=65 THEN 690
490 IF P=70 THEN 710
500 IF P=73 THEN 650
510 IF P=76 THEN 800
520 IF P=75 THEN 650
530 IF P=74 THEN 650
540 IF P=71 THEN 690
550 IF P=72 THEN 730
560 IF P=77 THEN 830
570 IF P=76 THEN 770
580 IF P=69 THEN 750
590 IF P=66 THEN 830
600 IF P=78 THEN 860
610 IF P=67 THEN 730
620 IF P=68 THEN 860
630 IF P=80 THEN 770
640 IF P=81 THEN 800
650 NEXT FLIGHT
660 CALL CLEAR
670 PRINT "GAME OVER":;
680 END
690 C=C+1
700 GOTO 650
710 R=R+1
720 GOTO 650
730 C=C-1
740 GOTO 650
750 R=R-1
760 GOTO 650
770 C=C+1
780 R=R+1
790 GOTO 650
800 C=C-1
810 R=R-1
820 GOTO 650
830 C=C+1
840 R=R-1
850 GOTO 650
860 C=C-1
870 R=R+1
880 GOTO 650

```



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*****
*
*      INNOVATIVE COMPUTER SYSTEMS
*
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*      -----
*
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*
*****

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BRETT'S BYTES

Well here I am running late with the newsletter again and up to my ears in things to do. This last weekend I had a crash course on Bulletin Board Systems given by John Wisner as he set up THE WIZ in my office. John has just recieved a copy of SRTRS-80, a BBS by Eric Greene and Marcos Della, which will run on John's new TRS-80 Model III. Or at least it's supposed to.

We set the system up last Saturday, April 30, and worked all weekend trying first of all to keep the program running and then to get some of the functions to work. John managed to get all of the message routines to work, so we have a regulation Bulletin Board, but we could not get the file up and down loading to work right.

As of Tuesday, we had run THE WIZ for about 48 hours straight, except when I or my family needed to use the phone. THE WIZ has successfully worked with TRS-80 Models I and III, TI 99/4s, a TI 745 (Silent 700) terminal, and an IBM Personal Computer.

I have also found out about the hazards of messing around with BBS. My friends really got on my case when they called up and got this high pitched whine from the phone. My wife wants to call her sister. My son gets called in to work extra hours at his job, and so on. So I guess that we are going to drop back our level of testing to the hours between 10 pm and about 7 am until the Fair, when THE WIZ will be up all day. The number is (806) 765-0102.

Here is an overview of the commands:

<C>onference

Using the <C> command will cause SRTRS-80 to page me for direct conference. If I'm home & I hear the page (10 pm to 7 am weekdays, Saturday and Sunday) I'll answer the page alarm and chat with you for a while. Otherwise, try again some other time.

<E>lectronic mail

The Electronic Mail section is completely private. No one may see who is sending mail to any other user. You must have a LOGON code to receive <E> Mail, but anyone may send mail.

<F>ile transfer

This command sends you the file transfer menu. From here, you can Upload or Download programs. File transfers are accomplished with either the MODEM/CMD, MODEM80 (XMODEM), DFT, or ASCII protocols. If you cannot use any of these methods, please do not attempt file transfer. At this point and time, you cannot upload using ASCII transfers. In order to upload files in this case, first download Modem/cmd then use it for your file transfers. (It's much faster than ASCII transfers)

<G>ood-bye

Logs you off of SRTRS-80. At this time you may leave a private message to me. Always use this option so as to avoid keeping the system offline while you terminate.

<H>ow Long

This command will show you the Day, Date, Month and Year followed by the time you logged in, the current time and your total time online.

<M>essages

Here is the heart of the SRTRS-80 system. This is where you may leave or read messages that may help you with a current problem or display items you may have for sale. The messages are meant to be an open forum, so please feel free to leave a message on any subject you like (within the bounds of good taste) as a discussion or review topic that may be of interest to the world. Each message base is divided into two (2) parts; the Bulletins and the Discussions. The Bulletin section is used to post general interest items, and the Discussion section is (or should be) used for a continuing discussion on any topic of your choice. In the Discussion sections, you must enter the name of the Discussion ==> EXACTLY <== as it appears in a scan of the titles or you will not be able to read or enter into a specific Discussion.

<O>ther System Phone Numbers

Prints out a list of many on-line systems. If you know of any not listed, leave me a message as you terminate and I'll add it.

<S>ystem Info

Will tell you what hardware and software makes up the SRTRS-80 Bulletin board system and where you can get a copy from.

PAGE 4

THE COMPUTER DESK

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<U>serlog

Will display SRTRS-80 callers for you. Callers are usually kept in the log for about 4 to 5 weeks, at which time their names will automatically scroll off the bottom.

<X>pert User

This command is usually automatic. The first time you call you will be considered a novice. All menus will be printed out in full & the main menu will Cycle if you wait too long to issue a command. Anytime you call after that first time (unless you wait so long that your name scrolls off the Userlog) you will be considered an Xpert user, with short menus and no cycling. You may change your <X>pert status back and forth with the <X> command at any time.

<Z> Request a logon code

This command will go through the necessary steps to assign you your own password and account number. There is no requirements other than the information requested to get a password. The passwords require about 24 hrs to validate unless I'm not around during to days that you leave the information.



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1 Encyclopedia/Catalog— Hot off the press! All TI software. All TI peripherals. Hundreds of third party software packages and accessories. You can order virtually anything you need for your TI-99/4A using the *TI Home Computer Encyclopedia/Catalog* from Unisource Electronics. Only \$3, refundable with your first order. And, you'll automatically get future updates. Order it today... from Unisource.

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The TI 99/4 Users' Group

The TI 99/4 Users' Group held their April meeting on Saturday, 16 April, in Room 206 of the Lubbock Christian College Administration building from 2 PM-4:30 PM. The very knowledgeable triumvirate of Dean Powell, Brett Pijan and Sam Weller presented a well-organized, informative, instructional session. Dean reiterated and emphasized that the Lubbock Computer Club Spring Computer Fair would be held on Saturday, 14 May, at the All Saint's School, 4601 83d Street, from 10 AM to 6 PM. Many volunteers will be required to help the display preparation set-up process from 8 PM-10 PM on Friday night, 13 May and the equipment set-up from 8AM to 10 AM on Saturday morning. Volunteers will also be required to help breakdown and clear the area from 6 PM to 8 PM on Saturday. You will receive this Newsletter just before the Fair so if you haven't already indicated that you will volunteer, please do so immediately! Call Dean Powell 793-3998 or Brett Pijan 7650102 or Robert Darko 7656630 even if you can only devote an hour.

There will be neither a club meeting nor a TI 99/4 Users' Group meeting in May. All emphasis will be on the Fair! The next dates in June for meetings are indicated in the Calendar. Possibly, in lieu of the Computer Club meeting in May, will be a visit to the Texas Tech University Psychology Department mini-computer center with tour details presented by Dr. _____.

Check the Calendar.

Sam Weller emphasized that the cost of the Newsletter is now approximately \$10 per person per year and that all are encouraged to pay their annual dues of \$15 as soon as possible. A lot of new literature has been received and there is much Club software now available. Call Sam Weller at 7938367 after 7 PM. Sam discussed the possible establishment of "assembly language classes"

which presumably could be 20 one-hour lessons perhaps starting in September and presented by Sam. You should understand that to program in assembly language, one needs to have at least a 99/4 or 99/4A computer with the mini memory module or an editor assembler or a TM 990(University Development Board). Those interested in taking these classes should follow the instructions presented elsewhere in the Newsletter and check the Calendar.

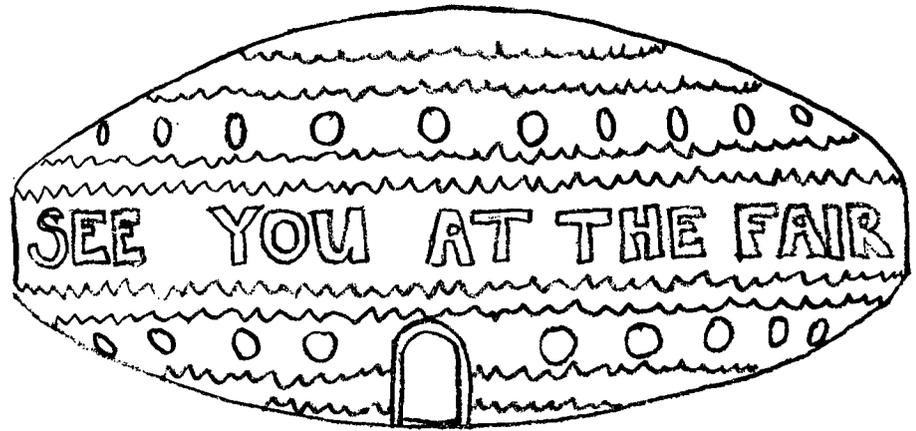
Dean demonstrated disks of music that can be played with picturesque designs on the monitor. Several of the youngsters in the Group of about 30 in attendance assisted in the playing of some of the songs generated by computer organ, harpsicord, etc. These disks are available for use...Sam announced that Texas Instruments has come out with their own unique, very compatible cassette recorder fairly priced. The session, as usual, broke into several segments where beginners continued to learn basic programming from Brett Pijan and Dean Powell demonstrated to others the correct instructional commands in programs or otherwise that must be given the TI Impact Printer for it to respond correctly. Dean also demonstrated several programs to portray outstanding pictures made by dot-matrix graphics by the Printer... We would love to see more people attend these meetings on a continuous basis. Try it; you'll like it. And you will also learn a lot.

***** LOW ADVERTISING RATES *****
 *
 * You can get a quarter page (4 inch wide by 5 inch tall) advertisement in *
 * COMPUTERBASE for only \$25.00. Ad copy should be photo ready and delivered *
 * to one of the officers of the club no later than the 20th of the month *
 * before you want you advertisement to run. Call Brett Pijan at 765-0102 for *
 * more information about advertising in COMPUTERBASE. *
 *

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100 REM      FLYING SAUCER MUSIC
110 REM      BY BRETT FIJAN
120 REM HERE IS A LITTLE SOUND AND GRAPHICS DEMONSTRATION
130 REM THAT I PUT TOGETHER AT A FRIENDS HOUSE ONE EVENING
140 REM THE PROGRAM DRAWS COLORED BLOCKS AND THEN PLAYS THE
150 REM 'CLOSE ENCOUNTERS' THEME STARTING AT THE SPEED YOU
160 REM ENTER AND THEN GOING FASTER AND FLASHING THE BLOCKS
170 CALL CLEAR
180 CALL SCREEN(5)
190 CALL CHAR(96,"FFFFFFFFFFFFFFFF")
200 CALL CHAR(104,"FFFFFFFFFFFFFFFF")
210 CALL CHAR(112,"FFFFFFFFFFFFFFFF")
220 CALL CHAR(120,"FFFFFFFFFFFFFFFF")
230 CALL CHAR(128,"FFFFFFFFFFFFFFFF")
240 CALL HCHAR(10,2,96,6)
250 CALL HCHAR(10,8,104,6)
260 CALL HCHAR(10,14,112,6)
270 CALL HCHAR(10,20,120,6)
280 CALL HCHAR(10,26,128,6)
290 CALL HCHAR(11,2,96,6)
300 CALL HCHAR(11,8,104,6)
310 CALL HCHAR(11,14,112,6)
320 CALL HCHAR(11,20,120,6)
330 CALL HCHAR(11,26,128,6)
340 CALL HCHAR(12,2,96,6)
350 CALL HCHAR(12,8,104,6)
360 CALL HCHAR(12,14,112,6)
370 CALL HCHAR(12,20,120,6)
380 CALL HCHAR(12,26,128,6)
390 CALL HCHAR(13,2,96,6)
400 CALL HCHAR(13,8,104,6)
410 CALL HCHAR(13,14,112,6)
420 CALL HCHAR(13,20,120,6)
430 CALL HCHAR(13,26,128,6)
440 CALL COLOR(9,2,1)
450 CALL COLOR(10,2,1)
460 CALL COLOR(11,2,1)
470 CALL COLOR(12,2,1)
480 CALL COLOR(13,2,1)
490 INPUT "SPEED? ":S
500 CALL SCREEN(2)
510 CALL COLOR(9,9,1)
520 CALL SOUND(S,330,0)
530 CALL COLOR(9,2,1)
540 CALL COLOR(10,12,1)
550 CALL SOUND(S,370,0)
560 CALL COLOR(10,2,1)
570 CALL COLOR(11,14,1)
580 CALL SOUND(S,294,0)
590 CALL COLOR(11,2,1)
600 CALL COLOR(12,16,1)
610 CALL SOUND(S,147,0)
620 CALL COLOR(12,2,1)
630 CALL COLOR(13,6,1)
640 CALL SOUND(S,220,0)
650 CALL COLOR(13,2,1)
660 S=S-25
670 IF S<1 THEN 170
680 GOTO 510

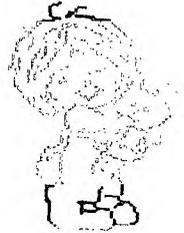
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JOIN

THE

FUN



LUBBOCK COMPUTER CLUB SPRING COMPUTER SHOW

THE LUBBOCK COMPUTER CLUB IS SPONSORING A SPRING COMPUTER FAIR WHERE PEOPLE MAY LEARN ABOUT SMALL COMPUTERS. THE SHOW WILL FEATURE DEMONSTRATIONS BY CLUB MEMBERS, LOCAL SCHOOL CHILDREN, AND LOCAL COMPUTER DEALERS.

WHEN: MAY 14 (SATURDAY)
10 AM TO 6 PM (ALL DAY)

A DOLLAR GETS YOU IN AND GIVES YOU A CHANCE TO WIN ONE OF THE DOOR PRIZES TO BE GIVEN AWAY AT 5 PM. THE DOOR PRIZES HAVE BEEN DONATED BY LOCAL MERCHANTS AND THE LUBBOCK COMPUTER CLUB. PUBLIC DOMAIN SOFTWARE WILL BE AVAILABLE TO COPY.

WHERE: ALL SAINTS SCHOOL
4601 83RD STREET (JUST OFF OF 82ND BETWEEN QUAKER AND SLIDE)

THE FAIR IS INDOORS AND WILL GO ON WHATEVER THE WEATHER SO COME JOIN THE FUN!!!

THERE WILL BE DEMONSTRATIONS OF COMMUNICATIONS BETWEEN COMPUTERS AND HOOKUPS WITH THE TEXAS TECH COMPUTER SYSTEM AND NATIONWIDE DATABASE NETWORKS.

EDUCATIONAL APPLICATIONS AND SOFTWARE WILL BE SHOWN AS WELL AS DEMONSTRATIONS BY SOME LOCAL SCHOOL CHILDREN. EDUCATIONAL DEMONSTRATIONS WILL INCLUDE THE LOGO LANGUAGE ON MICROCOMPUTERS.

BUSINESS USES OF SMALL COMPUTERS WILL BE DEMONSTRATED INCLUDING DATA ENTRY AND STORAGE, REPORT GENERATION, WORD PROCESSING, AND FINANCIAL PROGRAMS.

OF COURSE THERE WILL BE FUN AND GAMES ON COMPUTERS, GRAPHICS DEMONSTRATIONS, AND EVEN "TALKING" COMPUTERS.

FOR ADDITIONAL INFORMATION CONTACT:

DEAN POWELL - 793-3998
SAM WELLER - 793-8367

BRETT PIJAN - 765-0102

ROBERT DARKO - 765-6630

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L
PE

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