



EXPRESS

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PENN - JERSEY COLOR COMPUTER CLUB

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EDUCATION IS TOPIC OF MEETING

The September meeting of the Penn-Jersey Color Computer Club will feature education and how the computer is being used in the classroom.

Memoir Mary Brown, also a teacher, will give the presentation just as she did last year.

So make sure to attend.

Nominations for officers will be accepted at the October meeting and if you are interested in seeking office let it be known. Elections will be held at the November meeting.

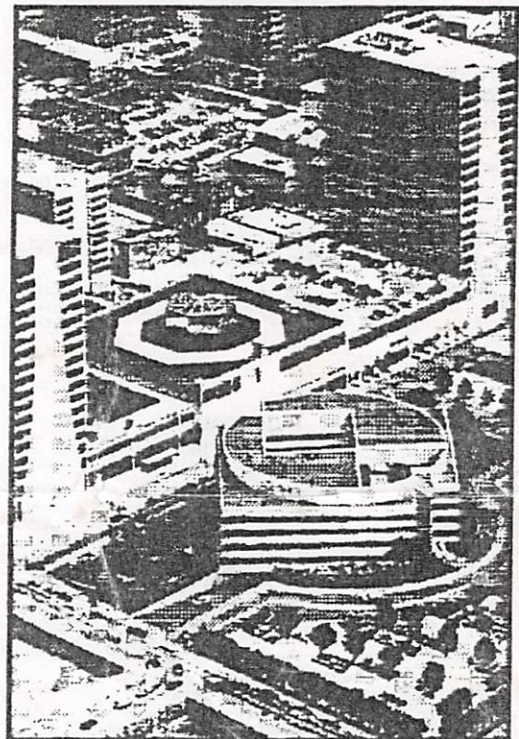
PROGRAMMER IS GUILTY OF PLANTING VIRUS

A former computer programmer has been convicted recently of planting a computer "virus" in his employer's system that wiped out 168,000 records and was activated like a time bomb, doing its damage two days after he was fired.

This was the first time that a prosecutor in the country had someone convicted for destroying computer records using a "virus."

Donald Gene Burleson, 40, was convicted of charges of harmful access to a computer, a third-degree felony that carries up to 10 years in prison and up to \$5,000 in fines.

Burleson planted the virus in revenge for his firing from an insurance company.



NEW BUILDING

In late August, Tandy announced plans to construct a new Technology Center in downtown Fort Worth. The building will be a six-story facility, located immediately west of the existing Tandy Center complex.

The 215,000 square-foot building, which should be completed in two years, will house our Consumer R&D, Computer Research, and Tandy Management Information Services.

"Our growth has absorbed essentially all of the Tandy Center office space," said Tandy Chairman John V. Roach. "Our strategic goals for future growth of the technology-related phases of our business make it desirable that these segments of our business have state-of-the-art, attractive and functional facilities."

WHAT'S HOT AT RADIO SHACK

JULY

COLOR COMPUTER	
1	25-3048 Downland (ROM)
2	25-3095 Color Baseball (ROM)
3	25-3093 Dungeons of Daggorath (ROM)
4	25-3109 Color SCRIPSIT (ROM)
5	25-3110 Color File II (ROM)
6	25-3106 Personal Finance II (ROM)
7	25-3078 Springstar (ROM)
8	25-3288 One on One (Disk)
9	25-3201 Color Math (Tape)
10	25-3160 AMazing World of M. Mortar (ROM)

AUGUST

COLOR COMPUTER	
1	25-3048 Downland (ROM)
2	25-3095 Color Baseball (ROM)
3	25-3201 Color Math (Tape)
4	25-3248 Cave Walker (Disk)
5	25-3259 DeskMate (Disk)
6	25-3093 Dungeons of Daggorath (ROM)
7	25-3194 Color Reference Guide (Book)
8	25-3078 Springstar (ROM)
9	25-3109 Color SCRIPSIT II (ROM)
10	25-3288 One on One (Disk)



ED JUGE

Tandy Topics

By Ed Juge
director of market planning
TANDY Corporation/ RADIO SHACK

BENCHMARKS

A number of months ago, we reproduced some benchmarks for Tandy computers. It was very well received. Seems you appreciate knowing how your computers stack up. It's probably time to do it again, with the current crop of hardware. Again, using the Norton 4.0 "SI" Computing Index, the figures look like this...

Tandy 1000 HX	1.4 (7 Mhz)
Tandy 1000 SX	1.4 (7 Mhz)
Tandy 1000 SL	1.8 (8 Mhz)
Tandy 1000 TX	7.1 (8 Mhz)
Tandy 1000 TL	7.1 (8 Mhz)
Tandy 3000 NL (1 MB RAM)	11.2 (10 Mhz)
Tandy 4000 (1 MB)	16.6 (16 Mhz)
Tandy 4000 (2 MB)	17.6 (16 Mhz)
Tandy 4000 LX (2 MB)	22.0 (20 Mhz)
Tandy 5000 MC (2 MB)	24.2 (20 Mhz)

Our engineers also ran some other benchmark tests on the Tandy(R) 3000 NL and Tandy(R)

4000 computers, comparing them to some of the competition. Test were made using The Power Meter from the Data Base Group, Inc. Listed below are the results of the Sieve test, and MIPS (millions of instructions per second) tests...

	SIEVE	MIPS
	(seconds)	(M In/sec)
Tandy 3000 NL (10Mhz, 640K)	2.235	1.596
Tandy 3000 NL (10Mhz, 1Meg)	1.793	1.550
Tandy 3000 NL (10Mhz, 2Meg)	1.685	1.565
Tandy 4000 (16Mhz, 1Meg)	1.326	2.539
Tandy 4000 (16Mhz, 2Meg)	1.095	2.623
Tandy 4000 LX	.825	3.314
Tandy 5000 MC	.637	4.651
Compaq 386/20	.590	4.591
Compaq 386/25	.480	5.552

IBM 50 (10Mhz)	2.265	1.574
IBM 50Z (10Mhz)	1.574	2.002
IBM 80/041 (16Mhz)	1.106	2.374
IBM 70/121	.855	3.537
IBM 70/A21	.480	5.552
IBM 80/111	.850	3.483

In the interest of space, I'm leaving out additional numbers which were run with various math co-processors.

**NEEDED...
YOUR INPUT**

6809 EXPRESS

PENN - JERSEY COLOR COMPUTER CLUB

The "6809 EXPRESS" is the official monthly publication of the PENN-JERSEY COLOR COMPUTER CLUB. The club is based in the greater Lehigh Valley area of Northeastern Pennsylvania including sections of Northwest New Jersey. Any club or non-profit organization may reprint any part of the newsletter as long as credit is given. PJCCC will gladly exchange newsletters with any other computer club. For any written correspondence send your request to EDITOR, 6809 EXPRESS, Penn-Jersey Color Computer Club, P.O. Box 1762, Lehigh Valley, Pa. 18001.

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