

Cassette Version of the Altair 680 Editor/Assembler

The file CASPATCH contains the patches to allow use of the Altair 680 Editor/Assembler with the cassette interface instead of having to use a Teletype and paper tape.

Save a Source File

To save a source file from the editor to tape, press RECORD on the tape player to record a few seconds of idle leader, then type the “E” command (followed by ESC-ESC) to dump the source file to tape. You will see the source file scroll by on the screen as it is written to tape.

Load a Source File

To load a source file from tape, ensure the tape is positioned in idle leader, then press PLAY on the tape player. After a second or so, type “I” (nothing else – no escapes). Once data is reached on the tape, you will see the source file displayed on the screen as it comes in. As soon as possible after the last line of the file is read in, press ESC-ESC to terminate the load operation, then stop the tape player.

Save Assembler S-Record Output

To save output of the Assembler’s 2T pass to tape, press RECORD on the tape player to record a few seconds of idle leader, then type the “2T” command followed by CR to write the S-Record file to tape. You will see the S-Records displayed as they are written to tape.

Loading the Cassette Version of the Editor Assembler

See the “Cassette Binary Loader” folder for instructions to write a cassette tape with the Editor/Assembler in binary format so it loads in just under five minutes.

To load from a PC, use the monitor “L” command to load the file “ASSEMBLER-EDITOR (EOR fixed).S19”. Then use the monitor “L” command again to load “CASPATCH.S19” to patch the Editor/Assembler with the cassette features. Jump to \$0107 to execute the patched Editor/Assembler.