This routine may be used to copy an 8k cartridge from ROM to tape, load
the program back into RAM from tape, and execute the program in extended
RAM, all using Astrovision Basic at 2000 baud.

TO SAVE
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1. Load Extended Basic in the normal manner from tape.
2. Stop the recorder and swap the jack from output to input.
3. Set switch to AUTO WRITE.  Leave other switch at 24K.
4. Remove Astrovision Basic and insert cartridge to be copied.
5. Hit RESET.  Cartridge menu should appear.
6. Set switch to 8K.
7. Hit RESET to begin processing Extended Basic.
8. Set switch back to 24K.
9. Key in:

    B=-30000; FOR A=8192 TO 12286 STEP 2; %(B)=%(A); B=B+2; NEXT A

   and press GO.  Wait about a minute as the cartridge is copied to
   available upper RAM.  When the cursor reappears:
10. Replace the copied cartridge with Astrovision Basic.
11. Hit RESET to make sure Astrovision Basic has reloaded.
12. Set switch to 8K.
13. Hit RESET.  Extended Basic appears.
14. Set switch back to 24K.
15. Key in:

    PUT %(-30000),2048

16. Start the recorder in RECORD mode and press GO.  When the cursor
    reappears stop the recorder.  4K of the cartridge has been saved.
17. Repeat steps 4 thru 8.
18. Key in:

    B=-30000; FOR A=12288 TO 16382 STEP 2; %(B)=%(A); B=B+2; NEXT A

   and press GO.  Wait about a minute as the cartridge is copied to
   available upper RAM.  When the cursor reappears:
19. Repeat steps 10 thru 16.  The second 4K of the cartridge has now
    been saved.

## TO LOAD AND RUN FROM TAPE
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20. Insert Astrovision Basic and press RESET.
21. Set switches to PROG WRITE and 24K.
22. Move jack to output on recorder and rewind tape to start point.
23. Key in:

        &(192)=0; :INPUT %(24576)

24. Start recorder on PLAY.  When red Astrovision Basic indicator light
    comes on solid press GO.
25. When cursor reappears stop recorder.
26. Key in:

        :INPUT %(28672)

27. Repeat steps 24 and 25.
28. Set switch to AUTO WRITE.
29. Set switch to 8K.
30. Press RESET.  Menu from copied cartridge should appear.


Note:   To copy a cartridge that has only 4K, follow the above procedure
        but omit steps 17, 18, 19, 26 and 27.


## TO CONSOLIDATE TAPE SEGMENTS FOR 8K CARTIDGES
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31. After step 30, rewind tape and move jack from output to input.
32. Set switch to 24K.
33. Press RESET.  Astrovision Basic appears.
34. Key in:

        :PRINT %(24576),4096

24. Start recorder on RECORD and press GO.  When the cursor reappears
    your cartridge has been recorded as one 8k segment.

    Now when loading tape steps 26 and 27 may be omitted.


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