Features used in program:

OPEN: used to open the text file

READ:

- used to read the data from the text file

- used to read/store user input

CLOSE: used to close the text file once

DO LOOP:

- used to access and store data into a 2D array

- used to calculate and print table data for each second of launch

- used to output dashes for table

2D ARRAY: used to store the text file data and the calculated table data

IF STATEMENT:

- used to identify specific times (in seconds) during launch

- used to determine density value for drag function

- used to format specific table columns

WRITE:

- used to output data

- used to prompt user input

FORMAT: used to format table data output

- "A" used for formatting reals

-"F" used to format how a decimal value is displayed

FUNCTION: used to calculate acceleration, drag and velocity for table

TYPES: double precision, real, integer and character