

December 9, 1963

Mr. Maxwell W. Hunter II  
National Aeronautics & Space Council  
Washington 25, D.C.

Dear Mr. Hunter:

I hope that the recent death of our President has not altered your intentions of studying manned interplanetary missions using advanced trajectories.

In order to bring out the value of new trajectory profiles for these missions I have studied conventional Earth-Mars, Mars-Earth and Earth-Venus, Venus-Earth profiles. In particular the minimum energy of Venus-Earth and Mars-Earth trajectory characteristics were determined. I thought that you may like to see them.

Sincerely,

JET PROPULSION LABORATORY

Michael Minovitch

Q  
MM/cw