



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
WASHINGTON, D.C. 20546

REPLY TO  
ATTN OF: ES

February 20, 1974

NOTE FOR Mitchell R. Sharpe

Mitch,

The chapter on "All Up" testing for the Saturn history looks good to me. I cannot remember the details, however, my memory of the inhouse MSFC meetings, between the receipt of the Mueller TWX and the famous meeting when Mueller came to MSFC, includes a lot more individuals who were very opposed to the "All Up" concept and we basically came to the "conclusion" (don't remember if it was an official "position") that MSFC would recommend that the concept of "All Up" not be adopted. People like Mrazek, Geissler, Haeussermann also voiced objections-- in fact, I can't remember anyone who thought it was a "good idea" or "would work."

A handwritten signature in cursive script that reads "Frank".

Frank Williams