

I BELIEVE THIS PUTS STRAIGHT THE
PERKINS 'LIE' THAT HE HAD NEVER
DISCUSSED THE ARROW FOR A U.S.
REQUIREMENT WITH ME.

COPY
RL 853-1957

NUFF SAID!

WE BARED OUR SOUL AND GAVE HIM
EVERYTHING HE ASKED FOR!!

6 March 1957

Dr. Courtland S. Perkins,
Chief Scientist,
United States Air Force,
The Pentagon,
WASHINGTON 8, D. C.

Dear Dr. Perkins :-

Since I have to dash off to Ottawa almost
immediately, this, of necessity, must be a very short
note, but I know that you want to see the enclosed data
as early as possible.

The attachments include the briefing charts
on the Arrow, which I used on your recent visit, and also
some data on the L/D_{max} which we discussed.

I had our Aerodynamics people plot the L/D
deducting the spillage, since I believe this is normally
the way in which most people quote aircraft L/D , and charge
the spillage up as negative thrust.

I will send you, some time next week, a
write-up on the philosophy of synthetic stability on the
Arrow.

I hope that this will be of some use to you.

Sincerely,

MARK 4

JCF-kas
att'd

J. C. Floyd,
VICE-PRESIDENT, ENGINEERING