

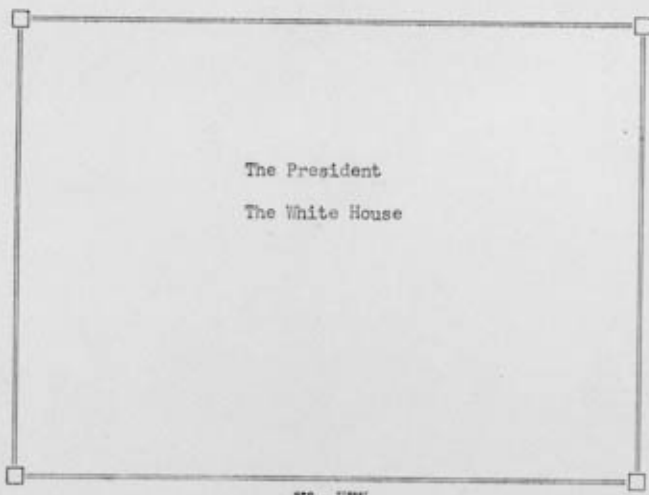
● PSF

War Dept.; Wm. S. Knudsen - Dir. of Prod. - 1942

PSF - Knudsen folder 2-42  
War Sept -

file  
personal  
confidential file  
Henry Tolpelt  
January

13 Nov. 1942



TOP SECRET

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WAR DEPARTMENT  
OFFICE OF THE UNDER SECRETARY  
WASHINGTON, D. C.

November 13, 1942

The President  
The White House

Dear Mr. President:

The airplane data you requested is submitted in the attached table. As you will see, the output goes up sharply along with the average weight per plane, which runs the total weight per year up 12 times and the man hours 8 times over the 3 year period 1941 to 1943 inclusive.

The man hours per pound of plane are actual for 1941 and 1942. The 1943-1944 figures should both go below 2 hours per pound, but due to the enormous number of unskilled people which perforce must be employed, we are more likely to wind up with the figures stated.

The man hours needed will more than double the present employment figure of somewhat over 400,000 in the air-frame plants alone -- the balance will go to sub-contractors.

Yours sincerely and respectfully,



William S. Knudsen  
Lieutenant General, A.U.S.  
Director of Production

AIRCRAFT PRODUCTION  
(Actual & 8-K Initial Schedule)

	<u>Number of Aircraft</u>	<u>Airframe Wt. (Inc. Spares) (000,000)</u>	<u>Average Weight (Inc. Spares)</u>	<u>Man-Hours Per # A.F.</u>	<u>Productive Man-Hours (000,000)</u>
1941	19,290	85.7	4,450	4.00	342.8
1942	46,800	297.5	6,350	3.00	892.5
1943	108,792	1076.2	9,880	2.25	2421.5
1944 (6 Mos.)	73,500	744.5	10,100	2.00	1489.0