

Kind : Improvement

Subject : Wide range of cockpit load by detachable ballast weights

Effectivity : All ASW 17 since Serial No. 17001

Accomplishment : Mandatory for Export into France, otherwise optional (for cockpit payload below 75 kg or 165 lbs)

Reason : French airworthiness requirements do not allow lead cushions or sandbags in the cockpit to exceed the minimum cockpit payload. Therefore, detachable trim weights must be installed. The weights in front of the pedals cannot be reached too easy but they may not injure the pilot in emergency landings. On the other hand a noticeable change of trim is possible with a minimum of additional weight.

Instructions : According to the drawings
170.11.S 56
170.11.0076
170.11.0077
170.11.0182
the ballast weights and their fittings in the fuselage are to be installed.

Material : Material needed can be learnt from the above - mentioned drawings.

Weight and Balance : For this Technical Note page 9 a of the Flight- and Operations Manual has been established. On page 9 a the use of the weights is explained.

Remarks : When this T.N. No. 2 is made, folo wing placard must be installed :
" Check trim ballast for weight and proper installation before start "

For the installation of the trim weights several load tests have been made. The results of those have been noticed in sheets 415 and 416 of the ASW 17 substantiation.

Drawings : For this T.N. the following drawings have been made :
170.11.S 56
170.11.0076
170.11.0077
170.11.0182

Poppenhausen, 8th November, 1974

Anerkannt durch
Luftfahrt-Bundesamt

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