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A S W 15
Technical Note
No. 15 a and No. 15 b

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Kind : Technological Improvement,
reduction of weight

Subject : Replacement of Coticell 60 foam of the rudder sandwich (TN 15 a) and of the upper sandwich of the ailerons (TN 15 b) by Rohacell 71 acrylic foam

Effectivity : TN 15 a for all ASW 15 - B from Serial No. 15 184 inclusive,
TN 15 b for all ASW 15 (all Serial Numbers)

Accomplishment : None

Reason : The replacement of Coticell 60 foam by Rohacell 71 shew beside technological advantages a reduction in weight and, therefore, a more for-ward C of G position of the rudder of ASW 15.
These advantages shall be transferred to the ASW 15.

Instructions : TN 15 a : Instead of Coticell 60 foam, noted under position 5 of the laminat layer scheme drawing 151.37/38 S. 11, Rohacell 71, 4 mm in thickness, is used.
TN 15 b : Instead of Coticell 60 foam for the sandwich core of the upper sandwich of the ailerons (see drawing 150.50. Bl. 20), Rohacell 71 foam, 4 mm thick, is used.
For the lower sandwich the more flexible Coticell 60 is still used.

Material : See above under " Instructions "

Weight and balance : The weight of components constructed according to this TN is little lever than with using Coticell. In case of replacing a rudder, due to the necessity of repair, by a new one according to TN 15 a, a weight and balance is required.
The difference in weight and balance for modifications according TN 15 b is neglectable.

Remarks : For repairs rudders according TN 15 a may be used for all ASW 15 - B from Serial Number 15 184.
For repairs ailerons according TN 15 b may be used for all ASW 15 (all Serial Numbers).

Drawings : The optional use of Rohacell 71 foam is noted on the drawings : 151.37/38 S. 11
and 150.50 Bl. 20

Poppenhausen, 12th September, 1974


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