

REPUBLIC AVIATION CORPORATION
FARMINGDALE, LONG ISLAND, NEW YORK
• • • SERVICE DEPARTMENT • • •

December 16, 1946

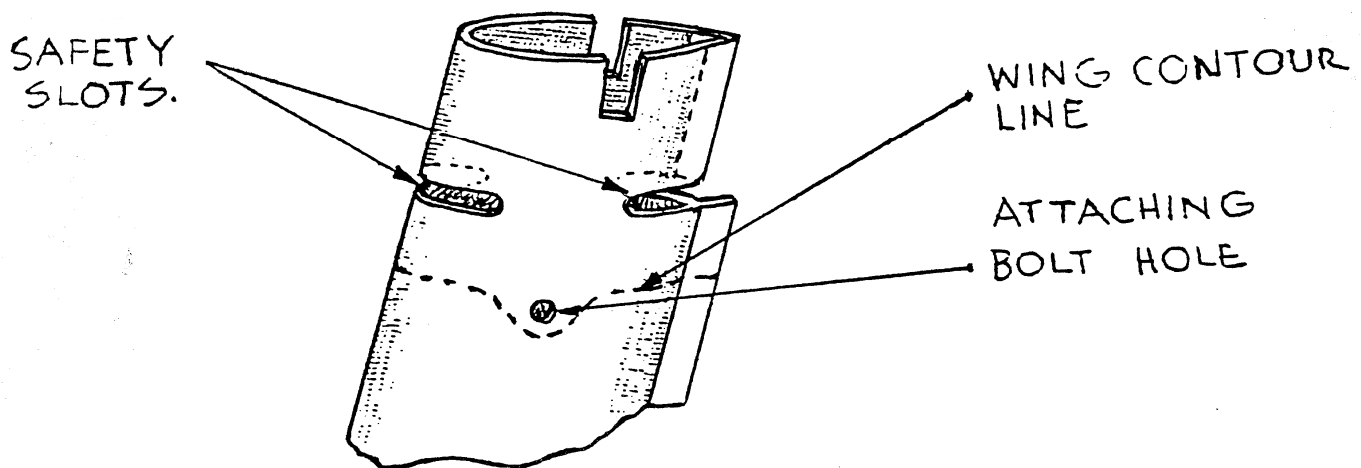
No. 6

SUBJECT – CHECK WING FLOATS

Two safety slots are provided on each float to insure failure of the strut before any wing structure is damaged in case of excessive loads on the float in rough water landings. These slots are located inside the wing contour so they can be seen only when the strut is removed. A few instances of cracks emanating from the safety slots have been discovered on the airplanes of early manufacture.

It is therefore, recommended that both wing float struts be removed at the earliest opportunity or at the next 25 hour inspection and the safety slots examined closely for indications of cracks. The end of each slot should also be examined closely for sharp corners, which if existent should be rounded and smoothed off with a 1/8" round file. If any cracks are found, the strut should be condemned.

It is also recommended that subsequent examinations be performed at each 100 hour inspection.



W. R. Ehmann
Service Manager