



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

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#### FUEL CELLS

During Daily and Preflight Inspection of several of our Seabees at Farmingdale, a fuel cell leak became apparent through a small quantity of fuel draining from the bilge when the keel plugs were removed. The fuel amounted to a cupful or less, but indicated that seepage was occurring. Removal and investigation proved the cause to be puncturing of the fuel cell where it rested on a few metal chips. Immediate steps have been taken to prevent reoccurrence. Fuel cells have given excellent service to date and no difficulty is expected. However to avoid any possibility of operation over an extended period with a punctured cell, it is recommended that in draining the keel plugs particular attention be paid to the fuel cell compartment to recognize the drainings as water or gasoline.

If gasoline appears on successive checks, inspect for loose fuel connections and for spillage during fueling. If neither is the cause, advise the Service Department promptly.

W. H. Ehmman  
Service Manager