Kitplanes for Africa (Pty) Ltd
Port 49 Varkfontein 25IR
Hangar 1
Petit Airport
Rudi Street, Petit
Benoni, 1502

Vat no – 4190250029
AMORG – M715
Office - +27 (0) 11 965 6205

www.kitplanesforafrica.co.za
info@kitplanesforafrica.co.za

SERVICE BULLETIN

AIRCRAFT EFFECTED:	All models
BULLETIN NUMBER:	SB009
ORIGIONAL ISSUE DATE:	04-04-02
REVISION DATE:	1-11-2026
SUBJECT:	Carburettor float bowl over flow pipe routing.
APPLICABILITY:	All aircraft fitted with float type carburettors
COMPLIANCE:	Mandatory

Problem: Possible carb bowl leaks due to the vent or overflow pipe exits being located in a low-pressure area of the cowling like the ram air exit at the bottom.

Solution: The carburettor vent and overflow pipes should be routed to direct any potential fuel spillage away from the exhaust system and other hot surfaces. The pipe outlets should be positioned in an area where the static pressure is compatible with the carburettor's pressure reference. They should not be routed to a low-pressure area within or outside the cowling, as the resulting pressure differential could adversely affect fuel metering or cause fuel to be drawn from the float bowls.

The installation of drip trays beneath the carburettor float bowls, with provision for safe fuel drainage, will reduce the risk of fire in the event of fuel leakage from the carburettors.