

KITPLANES FOR AFRICA
www.saplanes.co.za
P.O.Box 326
KOMATIPOORT
1340
South Africa

Rick Burrough 082 410032 Stefan Coetzee 082 6018970
info@saplanes.co.za

SERVICE LETTER

AIRCRAFT EFFECTED: All models

BULLETIN NUMBER: SL001

ORIGINAL ISSUE DATE: 16-11-08

REVISION DATE: First issue

SUBJECT: Fuel Header tanks

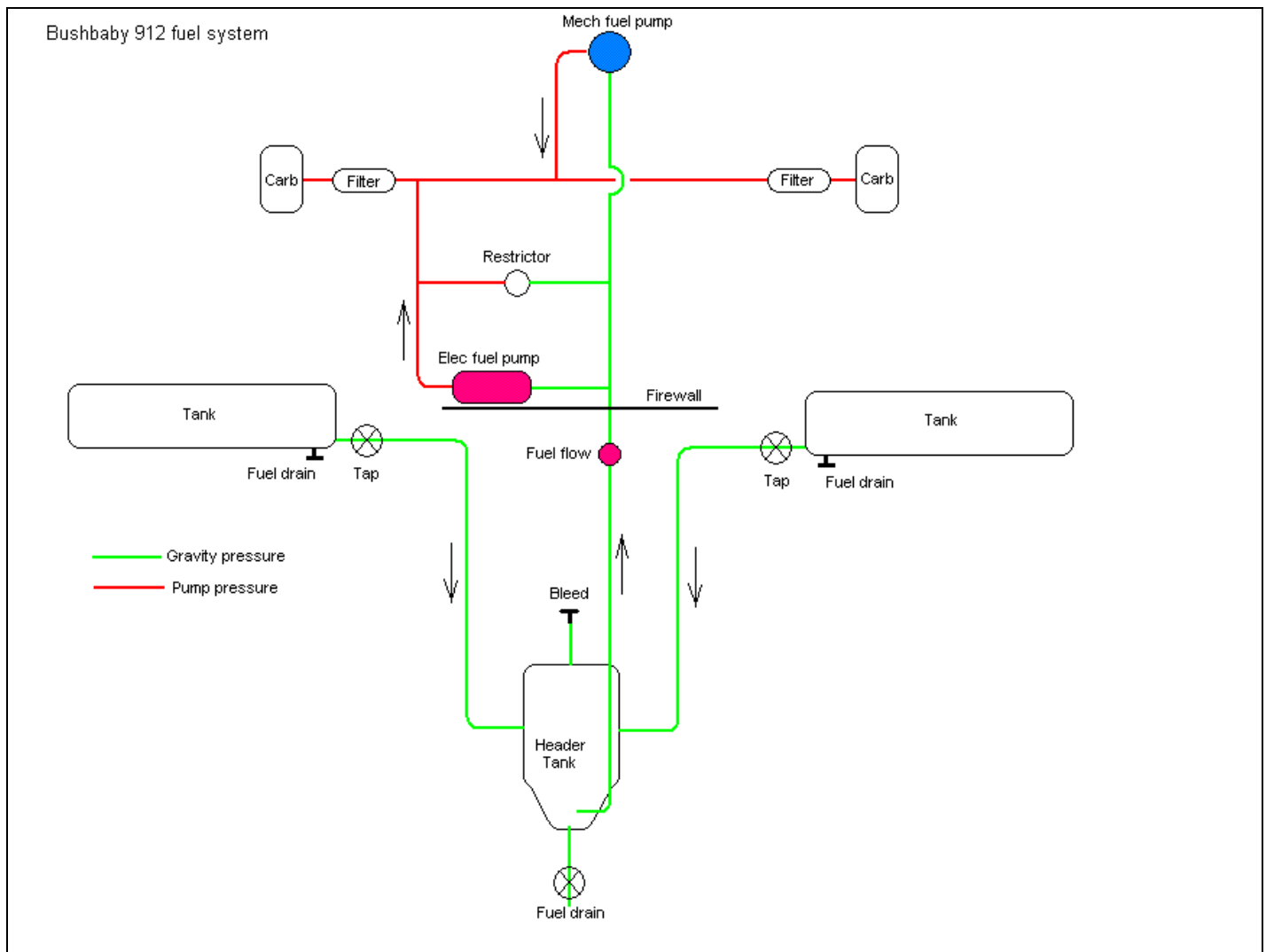
APPLICABILITY: All Kitplanes for Africa models

COMPLIANCE: Advisory

Problem: Unreliable fuel supply.
There have been a number of recorded cases of high wing type airframes suffering from fuel starvation when carrying a low fuel load and in a nose down attitude or slip for a while such as a long stable descent or unbalanced flight.

Solution: KFA supply and recommend the installation of a header tank for the following reasons:

1. Reliable fuel supply is assured.
2. The header tank fitted with a drain valve serves as the perfect low place in the fuel system to trap water and sediment.
3. The transparent 5 litre header tank fitted in the cockpit provides an excellent source of visible reserve fuel.



Typical high wing fuel system

The fuel system shown above can easily be adapted to suit any engine installation and provides pressure bleed back through a calibrated jet, preventing carb float needle valves from being overcome by excess pressure.

Positive fuel pressure is provided from 3 separate sources:

1. Gravity.
2. Mechanical fuel pump.
3. Electric fuel pump.