

# VAN'S AIRCRAFT, INC.

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Service letter: January 15, 2007

Subject: RV-10 Engine mount/Engine interference.

Affected Models: ONLY RV-10

A short time after the introduction of the RV-10, Van's Aircraft became aware that the oil sumps on some (I)O-540 engines were interfering with RV-10 engine mounts shipped as part of the Finish Kit. Since that time, Van's has changed the welding schedule on the engine mounts to guarantee clearance for the minor variations seen in Lycoming engines. Interference continues to be reported on some installations.

Van's Aircraft has verified that the interference is due to differences in the oil sump designs rather than variations in the engine mount weldment itself. The engine mounts shipped with the RV-10 finish kits will fit stock, 260hp, Lycoming (I)O-540 engines as sold by Van's. Van's Aircraft cannot guarantee that the engine mount will fit engines other than this.

It is the builder's responsibility to assure that any engine (including 'clones') intended for an RV-10 be dimensionally equal to that of the stock, 260hp Lycoming (I)O-540. Van's Aircraft cannot help with modifications necessary to accommodate other engine designs.

**In addition, Van's Aircraft, Inc. strongly recommends builder adherence to the published engine horsepower limitations for all of the RV models.**