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№ 142

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Our ref: Australia - Modification: Modification of A32 original exhaust system outlet tube with up to 21cm vertical extension tube as performed by an aviation approved welder.

Subject: Manufacturer's authorization of LSA modification

Aeroprakt Limited, the manufacturer of A22 Light Sport Aircraft, following the requirement 7.3.1 Modifications of Australian AC 21-42 Light Sport Aircraft Manufacturer's Requirements, issues a general approval to modify and extend the original A32 aircraft exhaust system outlet tube to a straight 90 degrees exit with a length of up to 21cm.

This modification allows aircraft which is equipped with factory installed exhaust system removed and be fitted with up to 21cm exhaust outlet tube vertical extension, as measured from the original exhaust welding mark.

Conditions of approval:

- the original exhaust outlet tube is removed by a qualified person(s) and the structure of the aircraft or the remainder of the exhaust system is not modified in anyway or form;
- the installation(s) and welding process of the exhaust extension must be carried out by qualified aviation approved welder with approved qualifications;
- the installation must be inspected and signed in the aircraft logbook as satisfactory by an approved engineer – e.g. Australian L2/LAME or equivalent;
- the modification must be recorded in the Aircraft Log Book.

Yuriy Yakovlyev
Chief designer