



Nampa Airport · 100 N. Kings Rd. · Nampa, ID 83687 · (208) 466-1711 · FAX (208) 466-7194

SERVICE BULLETIN #46

DATE: May 1, 1997

SUBJECT: Rotax 912 exhaust system from Aero Designs

APPLICABILITY: All 912 powered Pulsar I Aircraft

COMPLIANCE: Mandatory Inspection

FROM: SkyStar Aircraft Engineering

Since SkyStar acquired the Pulsar line of aircraft, it has been brought to our attention that the exhaust system which was previously supplied by Aero Designs for Rotax 912 engines for the Pulsar I may develop cracks over a period of time. We have developed a lightweight stainless steel exhaust system to replace the original Aero Designs mild steel system.

Prior to continued operation of your aircraft, inspect the exhaust system carefully for any cracks which may have developed. If you discover any cracks, **DO NOT** operate the aircraft until repairs have been made or a replacement exhaust system has been installed.

If no cracks are found upon inspection, be certain to add careful inspection of the exhaust system to the list of items to be checked during the pre-flight inspection of the aircraft.

Leaks in the exhaust system should always be considered a hazard which should warrant grounding of the aircraft. Not only can they be a potential source of a fire under the cowl, but they also pose a threat to the individuals on board the aircraft because of potential carbon monoxide poisoning if the leaking gases should pass into the cockpit.

As the operator of this aircraft, be certain to be vigilant for the signs of carbon monoxide poisoning. All passengers should also be advised of the dangers. Carbon monoxide is a colorless, odorless, tasteless gas which is a by-product of the combustion of gasoline. Even low quantities

when breathed over a period of time can be deadly. Onset of carbon monoxide poisoning is insidious and may include such symptoms as a headache, blurred thinking, dizziness, and a general feeling of uneasiness.

Use of a carbon monoxide indicator (which may be purchased through most aircraft equipment retailers or our Customer Service department) is recommended in addition to being watchful for the above symptoms. If it is suspected that carbon monoxide is leaking into the cockpit, open the fresh air vents and land the aircraft at the nearest airport.

If you find cracks in your exhaust system, please contact our Customer Service department at 208-466-1711 to order a replacement.