

SOLAR WINGS LTD

SERVICE BULLETIN

no. 0029

Date 20/1/91

SUBJECT :

Tyre pressure

MODELS AFFECTED :

Pegasus XL-S, XL-R, XL-R-LC, Flash 1 & 2, AC and LC.

CLASSIFICATION :

Compulsory

COMPLIANCE TIME :

Before next flight.

PURPOSE :

The original tyre pressure recommended in the operator's handbook for the above aircraft was 12 psi. Operational experience with the Pegasus Q-Wing has shown better puncture resistance and front brake performance with 22 psi pressure. Solar wings recommends that the tyre pressure for all XL types and the Pegasus Flash series should also be increased to 22psi.

The tyre pressure should be checked and reset at 22psi on all three wheels.

The enclosed ammendment dated 20/1/91 to section 12, "running gear", should be incorporated into the pilot's handbook referencing the 22 psi tyre pressure.

W.G. Brooks



date: 20/1/91

Chief Designer.

If you are no longer the owner of this aircraft, please send this service bulletin to the current owner.

If you are a new owner, please contact *f* Hands at the factory so that you can receive any further service bulletins for your aircraft.

Amended January 1991

RUNNING GEAR.

Tyre Pressures. 22 psi

PLACARDS AND LOCATIONS:

Placard.	Location.
Flight Limitations.	Upperside of base tube in front of Front Pilots seat.
Engine Limitations.	Upper side of base tube in front of Front Pilots seat.
Aircraft Weights.	Upper side of base tube in front of Front Pilots seat.
Fuel Type and Mix Ratio.	Adjacent to Fuel filler cap.
Fuel Capacity.	Adjacent to Fuel level indicator.
Fuel Cock On/Off Positions.	On Fuel Filter Bowl.
Ignition Switch On/Off Positions.	On Ignition Switch.

WING.

Wing Span:	34.6 feet
Sail Area:	167.6 sq. ft
Aspect Ratio:	7.1
Weight:	50.5 kg

RECOMMENDED COMPONENT LIFE:

Crossbooms	1000 hours
Leading Edges	1000 hours
Kingpost	1000 hours
Control Frame	1000 hours
Keel	500 hours
Rigging Wires	On inspection; one year; 250 hours