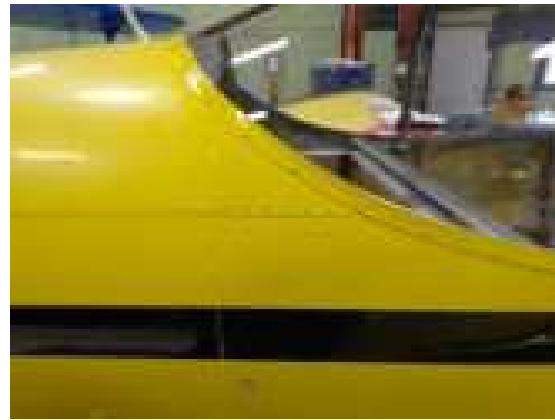


INSTALLATION OVERVIEW

FAA STC SA02481AK Alon A-2 Series Aircraft Three Point Torso Restraint System



Model Designations

Model Number	Product Description
A-2	Three-point restraint system, TSO-C114, Fixed Torso Strap

Product Description

This STC accomplishes the attachment of the fixed end of a upper torso restraint strap; which is accomplished by the addition of a mounting hard point to the fuselage structure adjacent to each pilot position.

The attachment points for the pelvic restraint strap (lap belt) are continued in use, as they were provided by the manufacturer at the time of type certification.

This installation requires that the installing mechanic inspect the attachment hardware configuration for correctness and install the TSO-C114 pelvic restraint straps to the primary attachment points.

Airframe Qualification

Aircraft that have a standard airworthiness certificate are eligible for this installation.

The airworthiness certificate must be issued in the Normal Category.

Inspect the aircraft and its records to assure that any change in structure does not preclude the installation of this restraint system.

AFT, HARD POINT INSTALLATION

An aft hard point is established on the right and left side of the fuselage.

Determine the vertical and horizontal location of the upper attachment points (left and Right) and mark them on the inside of the fuselage for reference

Mounts to an existing horizontal rivet line that runs aft of the rear window.