

Aircraft Hangar

The Problem

- Light Aluminium structure couldn't support the loads from HLL
- High Roof would have resulted in less than ideal lanyard lengths and possible jerky motion with greater fall arrest distances if trailing behind
- Structural bracing was inhibiting the installation of other system types
- Sloping roof preventing traditional horizontal systems from being installed for wing access.
- Mobile tower type systems being considered for wing access but only provide access to a small portion of the wing and must be constantly relocated.

The Solution

- 2 XL T-Line systems installed to provide access to the fuselage
- 1 XL T-Line to be installed on each side of the sloping roof, to facilitate access to each of the wings.
- Lower forces from T-Line were suitable for the lighter support structure
- The T-Line lifelines extend down to the user, so no long lengths of lanyard required.
- The T-Line provides exceptionally low fall arrest distances
- The T-Line could be mounted at the apex of the roof structure, the life lines simply loop around the structural bracing members without inhibiting movement for the user.

