

## Jewers Doors Secures New Light Aircraft Hangar and Fire Station at Old Warden

Jewers Doors have recently completed the installation of five of their Osprey sliding-folding doors to new private aircraft hangarage and integral fire station at Old Warden Aerodrome in Bedfordshire.

Old Warden has been an operational airfield since the 1930s and houses the Shuttleworth Collection, an internationally acclaimed collection of some of the last airworthy aircraft of their type remaining anywhere in the world. As well as a working aircraft museum, it is also a private unlicensed aerodrome and the new building meets the growing demand for Old Warden as a base for private enthusiasts to store and fly their own aircraft.



The new building is 110 m wide x 24 m deep and comprises two 1150 m<sup>2</sup> hangars which will each accommodate between 12 and 18 aircraft. Between the two hangars is a 290 m<sup>2</sup> fire station which will house one large fire appliance and 4 smaller Land Rover appliances.

Each of the hangars is accessed by two Osprey doors measuring 17.7 m and 11.8 m wide, each at 4.3 m high. The larger openings are secured by sixteen-leaf Osprey sliding-folding doors, while twelve leaf Ospreys secures the smaller openings. In the centre is the fire station, which is fitted with an eight leaf Osprey door.



David Sawford, partner at Robinson and Hall LLP, said, "The hangar doors will be operated by the private owners and pilots so they had to be easy and safe to use in all conditions. The two other hangars on site were fitted with Jewers' Osprey bi-folding doors, and we know from experience have worked extremely well, so we specified the same

doors for this new construction which also ensured continuity of style."

Manufactured as a single piece construction, each of the door panels is fully insulated with environmentally friendly polyurethane, which optimises thermal efficiency and reduces noise pollution by up to 25dB. The doors incorporate soft compound weather seals to all edges, which reduce water, air and dust ingress and also protect against finger and toe trapping.

These doors are manually operated and bi-parting, with equal pairs of leaves hinged at each jamb, ultimately folding into a footprint no more than 1m<sup>2</sup> at each jamb. This leaves very wide openings for aircraft access and makes it easier for pilots to park their aircraft. In the closed position the doors are completely flat across the opening and are secured by full-height, internal espagnolette bolts to each pair of leaves, which engage



into the bottom and top track. A lever handle withdraws each bolt to allow the door leaves to be easily pushed aside to create the wide openings.

Ciara Harper, Communications and Marketing Manager for Shuttleworth added “We are pleased with the professional service and quality product provided by Jewers Doors that is providing secure hangarage for the private owners’ aircraft and the Airfield Volunteer Fire Service (AVFS) for the long term.”

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### **Editor Notes**

Hi- res images available on request

### **More about Jewers Doors**

Established in 1983 and still a family run business, Jewers Doors is a world-leading supplier of industrial doors operating from a state-of-the-art facility in the heart of Bedfordshire. With over 50 highly skilled and experienced staff, the core of the business is design, manufacture, installation and repair of industrial door solutions across all industrial sectors. The Phoenix range of doors are designed for medium to large industrial applications, while the Esavian range is recognised as one of the world’s leading range of aircraft hanger doors. Incorporating the very latest concepts and technologies, Jewers Doors have been installed not only in the UK, but also throughout the world including Europe, Middle and Far East and New Zealand.

For more information visit [www.jewersdoors.co.uk](http://www.jewersdoors.co.uk)

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