

## Diamond Aircraft Control Surfaces Gust Lock

### Issued under the Authority of:

Travis Olson  
Chief Instructor

Contact details: [travis.olson@cae.com](mailto:travis.olson@cae.com)

### Background Information:

A microburst passed over KFFZ damaging many of the Diamond aircraft flight controls, because they hit the stops in the strong wind. None of these aircraft had gust lock controls installed at the time of the storm.

### Abbreviations:

CAE OAA	CAE Oxford Aviation Academy
NOTAC	Notice to Aircrew
KFFZ	Falcon Field Airport

### Policy:

Crews are now required to install the control surfaces gust lock in the DA20, DA40 and DA42 anytime the aircraft is parked outdoors. At this time Piper aircraft are not equipped with control lock device and crews should not use unapproved methods to lock the controls (seat belts, etc.). Report to dispatch or maintenance if a device is missing in the aircraft.

The Diamond Aircraft control surfaces gust lock is installed as follows:

1. Move the rudder pedals fully rearward.
2. Engage the control surfaces gust lock with the pedals.
3. Engage the stick, wrap straps around stick once.
4. Attach the locks and tighten the straps





**Exceptions and Review:**

This policy may be reviewed and/or revised.

**Scope**

CAE Oxford Aviation Academy Phoenix