



# AIRWOLF AEROSPACE LLC

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## SERVICE BULLETIN

SERVICE DIRECTIVE BULLETIN NO. 2017-1

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DATE: August 11, 2017

1. SUBJECT: AA-28-14385-15 Spindle Rust / Corrosion
2. MODEL: F-28A, F-28C, F-28F, 280, 280C, 280F, 280FX
3. EFFECTIVITY: All Models recently modified to use Airwolf TT-Straps
4. BACKGROUND:

Airwolf has seen numerous spindles sent in as candidates for the modification to be able to use Airwolf TT straps, which have an excessive amount of rusting/corrosion present. We have done our best to remove it prior to our modification process. It has come to our attention, that the area that was bored in the rear of the spindle to accommodate the lug, will rust if the installer fails to apply a liberal amount of grease prior to installation. In addition, due to the age of many of the spindles, the quality, thickness, and even the presence of any CAD plating is questionable at best. This is unacceptable to us and therefore, Airwolf has decided the best long term solution, is to completely strip the spindle and apply a new protective layer of CAD plating to the spindle.

5. COMPLIANCE:

Prior to the next annual inspection, or 12 months whichever is greater, return all three spindles to Airwolf for CAD plating.

6. INSPECTION

### NOTE

**Perform all maintenance in accordance with the applicable F28/280 Maintenance Manual**

## 7. PARTS

All parts must be removed from the spindles including the Droop Stop Pads. Use caution removing the 28-14240-1 Droop Stop Pad and the retaining screws so as not to damage the pads or break the screws in the spindle. If this happens, it is your responsibility to remove any broken screws. In addition, remove both spindle bearings and clean all grease from the bare spindle. Return in the special foam protecting packing originally sent to you by Airwolf. It is extremely important that this protective packaging is used so that no damage occurs to the spindle and the thin wall insert in the nose of the spindle. **Do not ship any other way to Airwolf than the original foam packaging.**

8. SPECIAL TOOLS: See Enstrom F28/280 Maintenance Manual

9. MAN-HOURS:

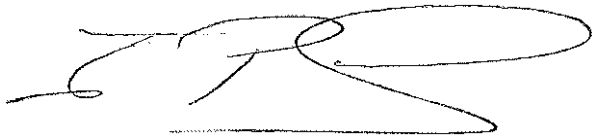
10. WARRANTY: Airwolf will cover the cost of removing rust/corrosion from the spindle and the new CAD plating applied to the spindle along with return freight to the customer.

11. WEIGHT CHANGE: N/A

12. LOG BOOK ENTRY: Enter compliance with this SB in the aircraft maintenance records.

13. REPETITIVE ACTION:

The new application of CAD plating is a terminating action for this SB.



*Quality Assurance Representative*

*Airwolf Aerospace LLC*