

**Ice Shield Replacement Guide
10 Reasons to Replace Your Wing Boots**



Condition	Replacement Criteria	Recommended Action
1. Foreign Object Damage (FOD)	Any damage beyond allowable repair limits per manual 97-33-047	Replace Deicer
2. Surface Erosion	Exposed stitche line threads or excessive leakage	Replace Deicer
3. Cut, tear or rupture	Cut, tear or rupture exceeding 3/4" in length	Temporary Repair Manual 97-33-047 - Replace Deicer
4. Cut, tear or rupture within 1/8" of a stitch line	Cut, tear or rupture withint 1/8" of a stitch line	Temporary Repair Manual 97-33-047 - Replace Deicer
5. Cut, tear or rupture that extends into the fabric stitch line	Cut, tear or rupture that extends into the fabric stitch line	Temporary Repair Manual 97-33-047 - Replace Deicer
6. De-bonding/swelling due to leaky integral fuel tank (Wet Wing)	Area De-bonded or the surface swollen tubes unable to pull vacuum to flat condition	Replace Deicer
7. Excessive Repairs	Repairs exceeding repair limits as prescribed per maintenance manual 97-33-047	Replace Deicer
8. Pinholes in boot at leading edge	Multiple pinholes on leading edge surface	Replace Deicer – Ensure replacement deicer has an electrical path from conductive surface of the deicer to the aircraft wing
9. Bulge or stitch line failure	Any Bulge located in inflatable area of deicer	Replace Deicer
10. Improper Maintenance (Use of unauthorized additives, adhesives, waxes or polishes)	Multiple surface cracks/splits	Replace Deicer – Perform proper maintenance per manual 97-33-047

PARTS@KADEXAERO.COM

**CALGARY:
1-403-250-5241**

**Kadex Aero Supply
3650 19th St. NE, Unit #6
Calgary, Alberta
Canada T2E 6V2**

**Kadex Aero Supply
925 Airport Road
Peterborough, Ontario
Canada K9J 6X6**

**PETERBOROUGH:
1-705-742-9725**