

## ICE SHIELD REPLACEMENT GUIDE 10 REASONS TO REPLACE YOUR WING BOOTS

	<b>Condition</b>	<b>Replacement Criteria</b>	<b>Recommended Action</b>
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

