

# DC-9 / MD-80 Wing Tip Lenses

---

## INTRODUCTION



Original equipment wing tip lenses on DC-9 and MD-80 aircraft often fail prematurely due to heat-induced cracking, or loss of light transmittance caused by erosion and hazing of the transparency.

GKN Aerospace Transparency Systems was the first to design a lens that effectively addresses these causes for premature removal. Our lens has been in service with airline operators for over five years and has demonstrated superior reliability and longer life.

## FEATURES



- GKN ATS' proprietary polyurethane coating offers superior erosion resistance and maintains high light transmittance
- A reinforced edge provides greater strength and prevents premature lens cracking
- GKN ATS' proven *floating bushings* design reduces stress fracturing while allowing for ease of installation
- A unique infrared reflective film prevents cracking of the polycarbonate lens
- DC-9 / MD-80 lenses are produced under FAA Parts Manufacturer Approval (PMA) and are available for immediate delivery from stock
- Lenses are backed by an exclusive 2 year warranty (*see back for details*)

## PART NUMBERS

**Longer Service Life + Lower  
Cost + Immediate Availability =  
Real Benefits**

	<b>GKN ATS PMA</b>	<b>OEM Part Numbers</b>
Left Hand	93107-1	5920407-511
Right Hand	93107-2	5920407-512

# WARRANTY

## GENERAL WARRANTY

Seller warrants that at the time of delivery the articles furnished hereunder will be free from defects in design, material, and workmanship and will conform to the drawings and specifications. Except for latent defects, all articles furnished hereunder shall be deemed to be finally accepted by Buyer unless Seller receives notice of rejection within a reasonable time but no later than 90 days after the receipt of articles by Buyer. As to latent defects, Buyer may reject articles within one year after date of shipment. If Seller elects to repair or replace a defective or nonconforming article, Seller's warranty for said article shall be limited to the unused portion of the original warranty. ***THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.***

## WARRANTY PROVISION

There shall be no Continuing Warranty by Seller for defects attributable in whole or in part to normal wear and tear or to factors beyond Seller's control including but not limited to failure of Buyer or its customers to properly preserve, store, install, operate, or maintain parts made by Seller or the end item in which parts are installed. Seller also denies liability for any failure or deterioration of parts attributable to extended storage under conditions of excessive temperature or humidity, and for any malfunction or design deficiency occurring in other systems or installations that would in turn affect the performance of the part. Seller further denies liability for performance of the parts under the Extended Warranty provision where abnormal environmental and/or operating condition are encountered by the aircraft (or Buyer's end item).

## SELLER'S LIABILITY

Seller's liability for defective or nonconforming articles is limited to the repair or replacement with surface freight shipping charges to be paid by Seller, or refund of the purchase price as Seller may elect. Defective or nonconforming articles shall not be returned to Seller without Seller's prior written permission. Under no circumstances shall Seller be obligated for consequential, incidental or other damages, losses or expenses in connection with or by reason of any breach. Seller's liability hereunder shall in any event be limited to the purchase price of the articles. The remedies expressed are exclusive. Claims for defective or nonconforming articles shall be in writing and submitted within the period specified in the General Warranty.

## EXTENDED WARRANTY

GKN ATS' wing tip lens will be warranted against cracking and erosion that exceeds the maximum limits allowable (per the original aircraft manufacturer's Maintenance Manual as referenced below) for a period of 30 months from date of shipment, or 2 years from the date of installation (installation data must be available), whichever occurs first. The replacement part will be warranted for the same defect for the balance of the original warranty. Cracking that is the result of improper installation, mishandling, impact, chemical attacks (paint, solvents, acids, etc.) is excluded from this warranty.

## REFERENCE

McDonnell Douglas Maintenance Manual titled "Forward and Aft Position Lights-Approved Repairs", Document Number 33-43-01, Dated 1/91.

---

Please contact us at the numbers below for further information  
or for other available programs

---



12122 Western Ave.  
Garden Grove, CA 92841  
Tel.: 714.893.7531  
714.892.7635  
SITA SNAPAXD

Eckersall Road, Kings Norton  
Birmingham, B38 8SR England  
Tel.: 44.121.606.4100  
Fax: 44.121.606.4191  
ARINC: BHXPZXD

9/21 Moo 5, Phaholyothin Road  
Klong 1, Klong Luang,  
Patumthanee, Thailand 12120  
Tel.: 66.2.516.1058  
Fax: 66.2.902.0414

Avenida Central, 221 - Chácara  
Reunidas, CEP 12238-430  
São José dos Campos-SP, Brazil  
Tel.: 55.12.3934.3418  
Fax: 55.12.3931.9006

Luton London Airport  
Luton Bedfordshire  
LU2 9PQ United Kingdom  
Tel.: +44 (0) 1582.731441  
Fax: +44 (0) 1582.452049

Email World Wide: [sales@tsus.aero.gknplc.com](mailto:sales@tsus.aero.gknplc.com)

[www.gkntransparencysystems.com](http://www.gkntransparencysystems.com)