

AIRBUS A318 / A319 / A320 / A321

Cockpit Windshields and Side Windows Passenger Windows, Wing Tip Lenses

INTRODUCTION

GKN Aerospace Transparency Systems (GKNATS) has long been a leader in the design, manufacture and repair of commercial aircraft transparencies. From facilities in both the US and UK, GKNATS produces transparencies to meet the requirements of today's modern aircraft programs including Boeing 747, 757, 767, MD80, MD11, Airbus Single Aisle and Wide Body series. Our transparencies are known throughout the industry for the excellent quality and exceptional service life.

FRONT WINDSHIELDS



Photo courtesy of: Peter Chris Tsagaris

Designed and installed as original equipment on the first twenty aircraft delivered, GKNATS OE windshields and subsequent spares have proven to be the most reliable A320 series windshield currently in service. Design updates and qualification testing have enabled the windshield to be recertified to the latest airworthiness requirements.

- Greater temper case depth gives "ten-twenty" glass added durability and makes it the most damage resistant glass available
- Proven Seal design offers superior protection against moisture ingress, reduces the risk of delamination, electrical system failure and premature removal
- Heating system modified to incorporate a third sensor
- Guaranteed MTBUR of 20,000 flight hours
- GKNATS 3 year warranty

Description	GKNATS Part No.	Airbus Part No.
No.1 Windshield LH	06282	CMS 69714200.00
No.1 Windshield RH	06283	CMS 69714201.00

SIDE WINDSHIELDS

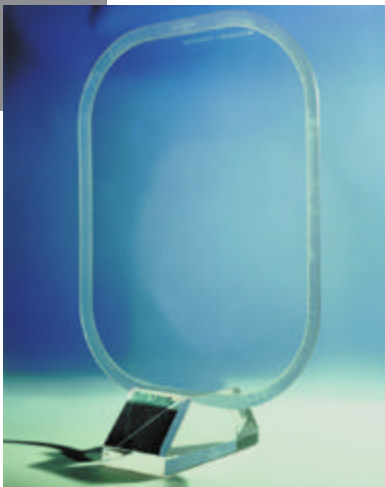


GKNATS Acrylic side windows have remained the Airbus Industrie Base Line Fit since the inception of the Single Aisle family of Airbus aircraft. Selected by major operators of this aircraft type, the GKNATS well proven Acrylic design continues to exceed industry benchmarks for Cockpit Side Windows.

- Both the Sliding (No.2 position) and Fixed (No.3 position) transparencies are substantially of single curvature shape and consist of outer and inner main plies of stretched acrylic
- Proven Seal design offers superior protection against moisture ingress and reduces the risk of delamination, electrical system failure and premature removal
- GKNATS 3 year warranty

Description	GKNATS Part No.	Airbus Part No.
No.2 Sliding Window LH	NH25216-1	6937000600
No.2 Sliding Window RH	NH25216-2	6937000700
No.3 Fixed Window LH	NH25216-141	6937002400
No.3 Fixed Window RH	NH25216-142	6937002500

PASSENGER WINDOWS

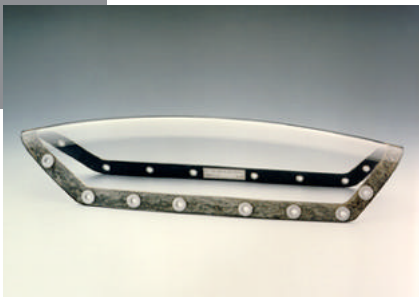


Severe passenger window crazing can push maintenance costs higher and higher and customer satisfaction lower and lower. GKNATS has been at the forefront in developing solutions to combat the effects of premature window crazing. As a result the GKNATS Crystal Vue II coated craze resistant passenger window has become the product of choice for aircraft manufacturers and airlines worldwide.

- Greater resistance to handling damage during installation
- Greater light transmission
- Improved water repellence and stain resistance
- Improvement in optical clarity to enhance passenger satisfaction
- Maintenance free, do not require interim polish to maintain optical clarity
- Crystal Vue coated on both sides

Description	GKNATS PMA Part No.	Airbus Part No.
Seal	PA D562 70003-200-00	D562 70003 200-00
C/W Assembly	PA D562 70000-0000	D562 70000-0000
Outer Pane	PA D562 70001-200	D562 70001-200
Inner Pane	PA D562 70002-200	D562 70002-200

WING TIP LENSES



GKNATS Wing Tip Lens is based on a proven design concept that has been on service with operators of the MD80 aircraft for over 5 years. The lens combines a protective polyurethane exterior coating with an interior edge attachment that distributes the load at the bolt holes and reduces lens cracking.

- Superior resistance to erosion whilst maintaining high light transmittance
- Backed by an exclusive GKNATS 2 year warranty
- Lightweight and more reliable than equivalent OE parts

Description	GKNATS PMA Part No.	Airbus Part No.
Wing Tip Lens LH	98041-1	D573-51271-00000
Wing Tip Lens RH	98041-2	D573-51271-00100

FAA Repair Station No. P9AR279J



12122 Western Ave.
Garden Grove, CA 92841
Tel.: 714.893.7531
714.892.7635
SITA SNAPAXD
CAGE NO. 86175

Eckersall Road, Kings Norton
Birmingham, B38 8SR England
Tel.: 44.121.606.4100
Fax: 44.121.606.4191
ARINC: BHPZXD
CAGE NO. U1610

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 - Chácaras
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
CAGE NO. K0672