# ATS

PMA and STC PRODUCT CATALOG
SUMMER 2020

# CARGOTEK®

## CARGO BAY PROTECTION SOLUTIONS

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.

CargoTek® Cargo Bay Protection by ATS reduces cargo bay maintenance costs and cargo-related gate delays. Unprotected cargo bays are often damaged through routine use which can be avoided by installing ATS protection products.

### CUSTOMER BENEFITS

- Minimizes gate delays resulting from unexpected discovery of scratches, dents, cracks and/or corrosion on original equipment cargo bays
- Avoidance of expensive, time-consuming, and oftentimes unexpected repairs
- Installs during aircraft overnights or maintenance visits
- Sections can be individually replaced or removed for quick access to original floor
- Reduces incidental damage to cargo bay walls and floors
- Complete CargoTek® solution includes: Pit Liner, Side Wall Protector, Net Anchor Guard, Stop Block, Blow Out Panel Protector, Door Shield, Anti-Bump Belt Loader Flag, and TSO Tie-Down Strap Pouch

### ATS PRODUCT REFERENCE

Please contact our sales representative for part number applicability.

### TECHNICAL SPECIFICATIONS

- FAA Certified Design under STC # ST04081NY, PMA Obtained
- Made from impact-resistant Kydex® T
- Water/moisture resistant
- Precision tooled to completely cover pit floor while accommodating all hold-down locations and openings. All fasteners are completely covered by our pit liners
- UL Std 94 V-0 & 5V fire rating, meeting CFR 25.855 requirements

### AIRCRAFT APPLICATION

Boeing 737 NG, MAX 8
Airbus (ceo/neo): A319, A320, A321

### ATA CHAPTER

Equipment/Furnishings 25-52



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For more information contact:
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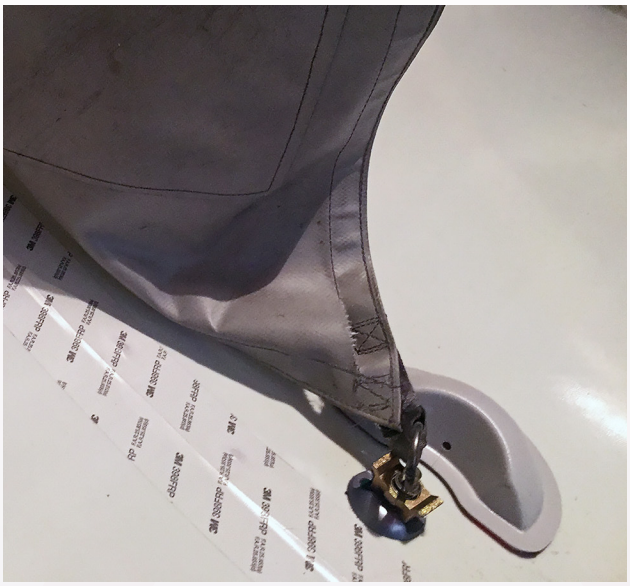
# CARGOTEK®
## NET ANCHOR GUARDS

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.



CargoTek® Net Anchor Guards by ATS prevent thrown or shifting cargo from damaging cargo net anchor fittings and sidewall liners. The guards are easy to install and are currently in service with airlines operating Boeing 737s.

### CUSTOMER BENEFITS

- Protects tie-down anchors from damage due to moving bags and cargo
- Minimizes delays resulting from inoperative cargo nets
- Lost-cost solution with immediate results
- Simple installation through use of VHB tape
- Designed to work in tandem with CargoTek® Cargo Liners

### ATS PRODUCT REFERENCE

780084-221-201A

### TECHNICAL SPECIFICATIONS

- FAA-Certified Design under STC # ST04081NY, PMA PQ5315NM (Supplement 32)
- Made from impact-resistant Kydex® T
- Water/moisture resistant
- UL Std 94 V-0 & 5V fire rating, meeting CFR 25.855 requirements

### AIRCRAFT APPLICATION

Boeing 737 NG, MAX 8

### ATA CHAPTER

Equipment/Furnishings 25-52-13



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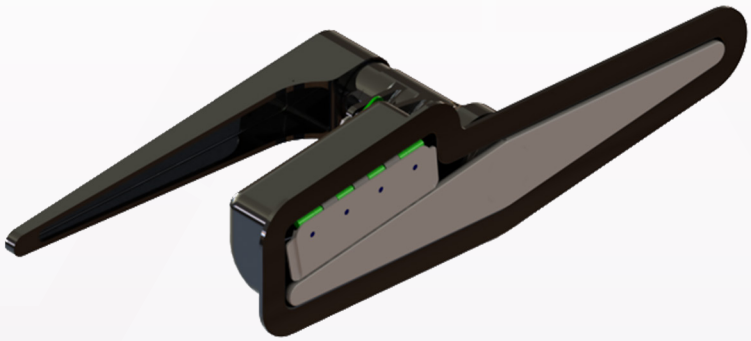
# EVERLATCH™
## CARGO DOOR LATCH ASSEMBLY

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.




The EverLatch™ Cargo Door Latch by ATS is a cost-effective solution to a long-standing cargo door latch problem where operators experience fuselage skin and cargo door housing damage from sheered off nylon bumpers. The EverLatch is easy to install and is currently in service with airlines operating Boeing 737NGs.

### CUSTOMER BENEFITS

- Innovative design eliminates door skin and latch housing damage
- Improves service life of the external door cover
- Improves performance and reliability
- Fully sealed handle maintains aerodynamics
- Part can be replaced in minutes without special tooling, minimizing maintenance costs and aircraft downtime

### OEM PART NUMBER

H414-29 FWD – One Way Replace to H414K3885 FWD
H4143899 FWD – One Way Replace to H414-67 FWD
H414-53 AFT – One Way Replace to H414-69 AFT
H414-31 AFT

### ATS PRODUCT REFERENCE

718932-100-501 (AFT)
718932-111-501 (FWD)

### TECHNICAL SPECIFICATIONS

- FAA Certified Design under STC # ST02525SE, PMA obtained
- Direct replacement for OEM part at a reduced cost

### AIRCRAFT APPLICATION

Boeing 737NG, -600, -700, -700C, -800, -900ER, -BBJ

### ATA CHAPTER

Doors 52-30-00



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# FOD PROTECTION INTAKE PLUG

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.


The FOD Protection Intake Plug by ATS is designed to protect the engine and engine components from damage due to debris and inclement weather. It is a cost-effective, easy to install solution for Boeing 737 NG aircraft.

## CUSTOMER BENEFITS

- Innovative design allows for installation by just one person in seconds without special tooling, minimizing maintenance costs and aircraft downtime
- Protects engine and related components from FOD and weather
- Reduces and simplifies storage requirements as units store folded in half
- Offered at favorable pricing compared to competing, harder to install products

## TECHNICAL SPECIFICATIONS

- Water and chemical-resistant cover material
- Firm, continuous-piece foam
- Nylon webbing straps

## AIRCRAFT APPLICATION

Boeing 737 NG – CFM56-7B Engine

## ATS PRODUCT REFERENCE

ATS671001



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# CARGO DOOR ARMOR

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.

## REDUCES CARGO DOOR DAMAGE

The Cargo Door Armor was designed in collaboration with ATS customers to provide protection for Boeing 737 Series aircraft cargo doors. The cargo door swings inward which can lead to inadvertent damage when loading and unloading baggage and cargo from the aircraft.

### CUSTOMER BENEFITS

- Easy to install and remove
- Field tested by a major US airline
- Dramatically reduces and potentially eliminates cargo door damage
- Affordable - Pays for itself quickly
- Installation can be done in less than 30 seconds by ramp team
- Training takes less than 15 minutes
- Warranty program

### AIRCRAFT APPLICATION

Boeing 737 Series





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# ATTACHMENT BLOCK ASSEMBLY – LAVATORY B

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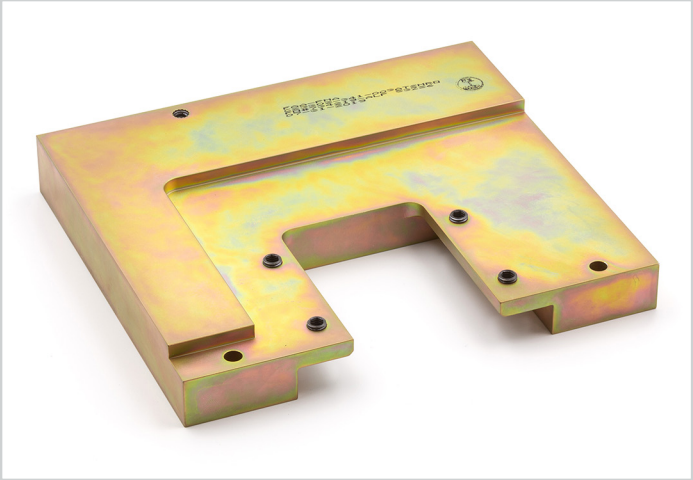

The Attachment Block Assembly – Lavatory B is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Part attaches Rumbold Lavatory B module to the interior cabin floor (forward outboard attachment block assembly)

## ATS PRODUCT REFERENCE

C23302-341-003ATSMRO

## OEM PART NUMBER

C23302-341-003

## ATA CHAPTER

25-40-00

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ513NM, Supplement 16
- Manufactured from 17-4PH for superior strength and comparable corrosion resistance
- Cadmium plated with a corrosion-inhibiting epoxy primer on all applicable mating surfaces
- Stainless steel for corrosion resistance
- Per-lavatory kit option

## AIRCRAFT APPLICATION

Boeing 737-300/500/600/700/700C



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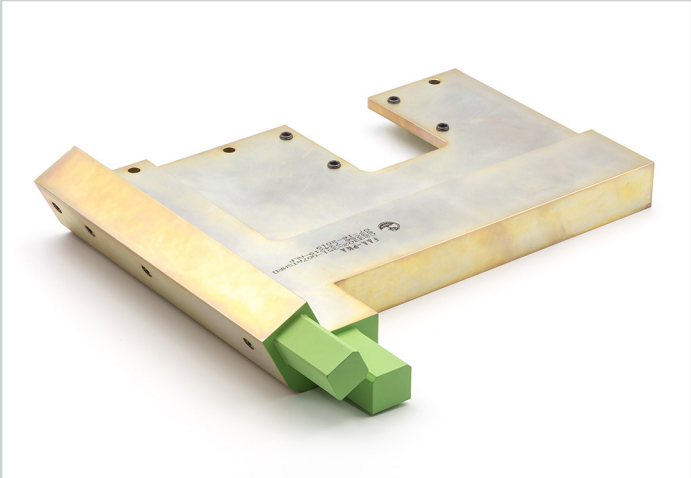

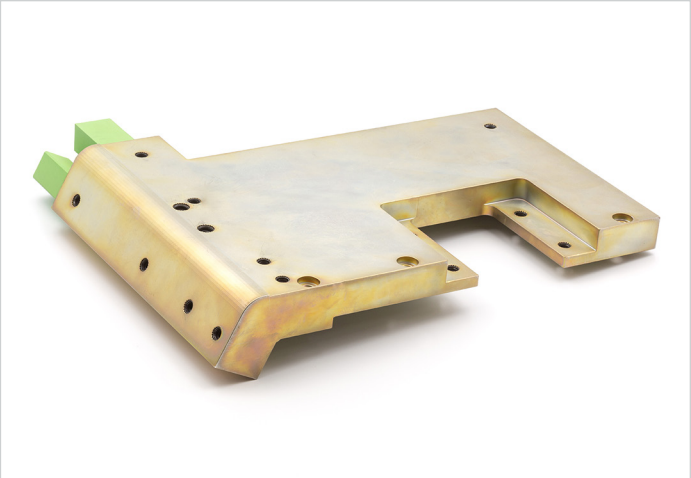

The Attachment Block Assembly – Lavatory B is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Part attaches Rumbold Lavatory B module to the interior cabin floor (forward inboard attachment block assembly)

## ATS PRODUCT REFERENCE

C23302-351-007ATSMRO

## OEM PART NUMBER

C23302-351-007

## ATA CHAPTER

25-40-00

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ513NM, Supplement 16
- Manufactured from 17-4PH for superior strength and comparable corrosion resistance
- Cadmium plated with a corrosion-inhibiting epoxy primer on all applicable mating surfaces
- Stainless steel for corrosion resistance
- Per-lavatory kit option

## AIRCRAFT APPLICATION

Boeing 737-300/500/600/700/700C



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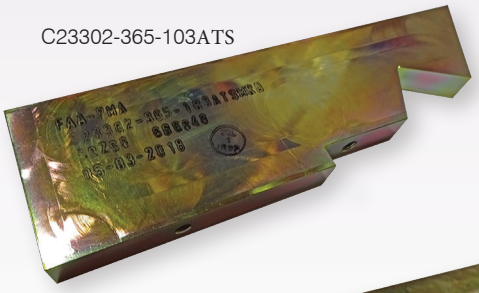
# FLOOR PANEL BLOCK ASSEMBLIES – LAVATORY B

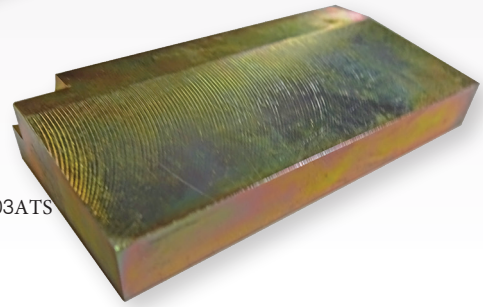
Aviation Technical Services (ATS) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.

C23302-365-103ATS

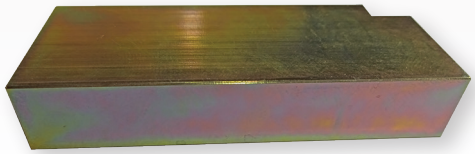


C23302-369-103ATS

C23302-367-103ATS



C23302-371-103ATS



The Attachment Block Assembly – Lavatory B is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Part attaches Rumbold Lavatory B module to the interior cabin floor (floor panel block assemblies)

## ATS PRODUCT REFERENCE

C23302-365-103ATSMRO
C23302-367-103ATSMRO
C23302-369-103ATSMRO
C23302-371-103ATSMRO

## OEM PART NUMBER

C23302-365-103
C23302-367-103
C23302-369-103
C23302-371-103

## ATA CHAPTER

25

## TECHNICAL SPECIFICATIONS

- Equivalent in fit, form and function to OEM assembly
- FAA PMA PQ513NM, Supplement 16
- Manufactured from 17-4PH for superior strength and comparable corrosion resistance
- Cadmium plated with a corrosion-inhibiting epoxy primer on all applicable mating surfaces
- Stainless steel for corrosion resistance
- Per-lavatory kit option

## AIRCRAFT APPLICATION

Boeing 737-300/500/600/700/700C

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AOG Service Contact:
ATS Ranger Sales Team
+1 972 245 6699
sales@rangeraav.com

# Air Outlet

| OEM Part Number | ATA Chapter |
|---|---|
| 214A1118-12 | 25-11-00 |

**Description**
Directs air into the cockpit in a downward and aft direction, away from the flight crew.

**Applicable Aircraft**
Boeing 737-600/700/800/900/900ER/MAX 8

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 20

AVIATION TECHNICAL SERVICES

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# Galley Guide Assemblies

| OEM Part Number | ATA Chapter |
|---|---|
| 934023-1, 934023-2 | 25-30-00 |

**Description**
Allows doors to open and slide into G3 and G4 Galley assemblies.

**Applicable Aircraft**
Boeing 737-700

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly
- Improved track and wheel to reduce wear

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 21

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# Galley Retainer Assembly

| OEM Part Number | ATA Chapter |
|---|---|
| 2034100-3, 2034100-4, 984121-1-15 | 25-31 |

**Description**
Fastens galley cabinet doors closed. Limited to 90° rotation.

**Applicable Aircraft**
Boeing 737-700/800

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly.

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 23

AVIATION TECHNICAL SERVICES

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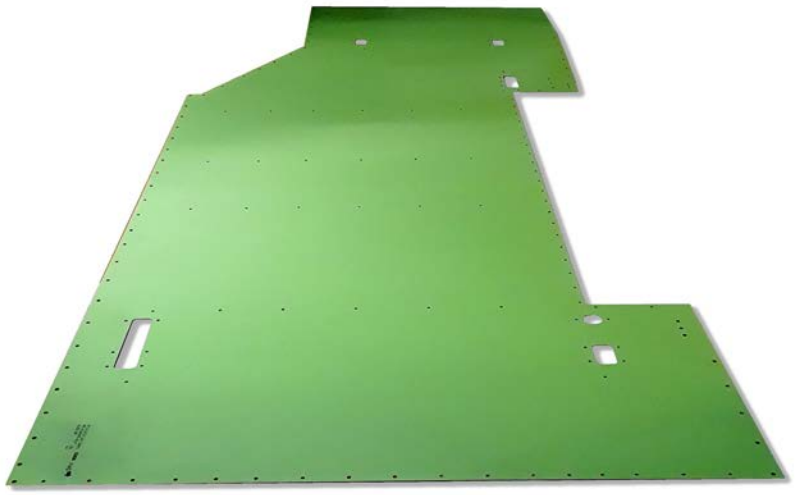
# Aft Cargo Bay Deck Panel

| OEM Part Number | ATA Chapter |
|---|---|
| 453A2610-2 | 25-50-00 |

**Description**
Replacement for OEM Deck Panel located in Aft Cargo Bay.

**Applicable Aircraft**
Boeing 737-700



## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly
- Drilled part to eliminate backshop time for hole details

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 21
- 2024-T3 Clad Aluminum Sheet
- Chemical Conversion Coating and Corrosion-Inhibiting Primer
- 115.00” (292.10cm) long x 43.70” (110.99cm) wide x 0.08” (0.20cm) thick, 40.6 lbs (18.4 kg)

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# ATTACH BEAM ASSEMBLY

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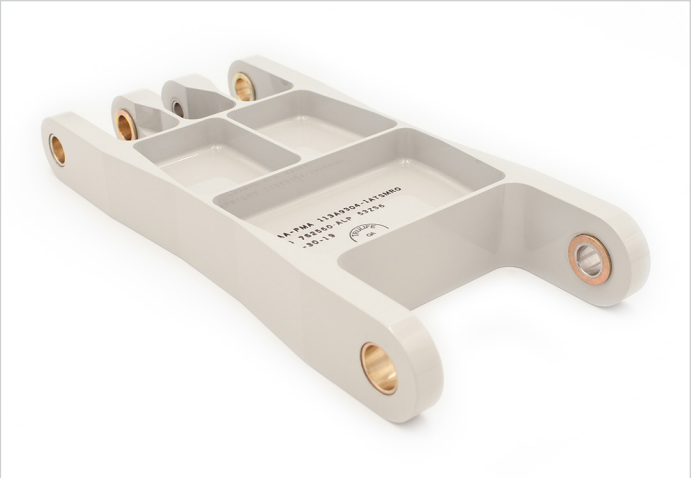

The Attach Beam Assembly is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Aft attach point for the #3 and #6 Flap Track Fairings

## ATS PRODUCT REFERENCE

113A9304-1ATSMRO

## OEM PART NUMBER

113A9304-1

## ATA CHAPTER

27

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 23
- Equivalent in fit, form and function to OEM assembly
- 10.62 inches long x 1.38 inches deep x 5.07 inches wide

## AIRCRAFT APPLICATION

Boeing 737-600/700/700C/800/900/900ER/MAX 8



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# Hydraulic Fuse Housing

| OEM Part Number | ATA Chapter |
|---|---|
| 7-1462-1 | 27-30 |

**Description**
Stainless steel housing; contains parts that make a hydraulic fuse.

**Applicable Aircraft**
737-300/400/500/600/700/700C/800/900/900ER, 757-200/200PF/300/300F, 767-200/300/300F/400ER, 777-200/200LR/300/300ER/F Series

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly
- Component housing can be installed on separate Flow Rate Fuse assemblies 2-7680 and 2-7681

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 3
- 3.76” x 0.93”
- Made of 15-5 stainless steel, hardened to H925 condition

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# Hydraulic Fuse Housing

| OEM Part Number | ATA Chapter |
|---|---|
| 7-2882-4, 7-2882-5, 7-2882-6 | 27-32 |

**Description**
Housing typically replaced during overhaul or rebuild of Flow Rate Fuse Assembly.

**Applicable Aircraft**
Boeing 737-300/400/500/600/700/700C/800/900/900ER


## PRODUCT HIGHLIGHTS:

- Housing typically replaced during Flow Rate Fuse Assembly overhaul or rebuild
- Equivalent in fit, form and function to OEM assembly
- Meets or exceeds all CMM testing requirements

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 1
- 4.45” x 1.75”

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# FITTING SUB-ASSEMBLY

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.

The Fitting Sub-Assembly is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, reduce part leadtime, and reduce aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Serves as an attach point for the forward fairing section, connecting it to the mechanism on the interior of the fairling

## ATS PRODUCT REFERENCE

113A1350-3ATSMRO

## OEM PART NUMBER

113A1350-3

## ATA CHAPTER

27-51

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 34
- Equivalent in fit, form and function to OEM assembly
- Made of anodized aluminum plate
- 5.82 inches long x 1.90 inches deep x 3.31 inches wide
- Approximately .45 pounds

## AIRCRAFT APPLICATION

Boeing 737-600/700/700C/800/900/900ER/MAX 8



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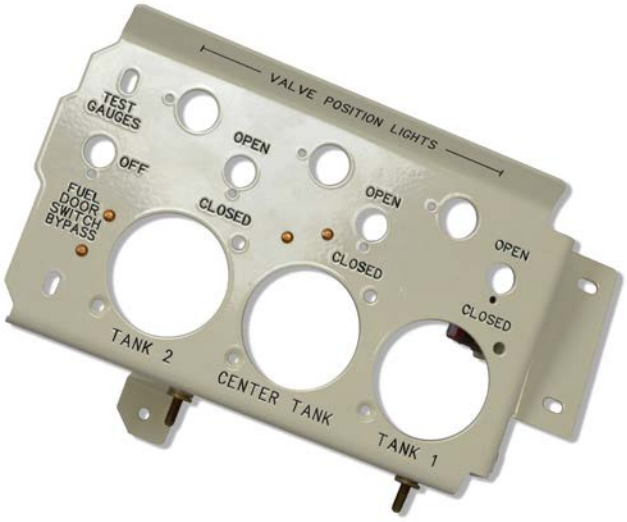
# Refueling Station Panel Assembly

| OEM Part Number | ATA Chapter |
|---|---|
| 654A0004-366 | 28-21-00 |

**Description**
Serves as the holding panel for refueling station instruments.

**Applicable Aircraft**
Boeing 737-600/700/700C/800/900/900ER/MAX 8




## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 26
- Aluminum construction with Skydrol™-resistant treatment

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# Filter Cap

| OEM Part Number | ATA Chapter |
|---|---|
| 732-11613 | 29-20 |

**Description**
Retains and provides access to the reservoir pressurization module filter.

**Applicable Aircraft**
Boeing 747-200B/200C/200F/300/400/400D/400SP/400SR, 767-200/300, 777-200


## PRODUCT HIGHLIGHTS:

- Component of the aircraft's main hydraulic reservoir pressurization module
- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 4
- Made from 2024 Aluminum alloy extruded bar
- Anodized finish for improved corrosion protection

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# Reservoir Pressurization Manifold

| OEM Part Number | ATA Chapter |
|---|---|
| 732-11242 | 29-20 |

**Description**
Controls pneumatic pressurization of aicraft hydraulic reservoirs.

**Applicable Aircraft**
Boeing 737-300/400/500, 747-100/200/200B/200C/200F/SP/SR, 757-200/200CB/200PF

## PRODUCT HIGHLIGHTS:

- Meets or exceeds all CMM testing requirements
- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 12
- Machined from 6061 tempered billet aluminium alloy for improved corrosion resistance and strength over cast aluminum OEM part
- Anodized for improved corrosion resistance

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# Reservoir Depressurization Valve Assembly

| OEM Part Number | ATA Chapter |
|---|---|
| HV22-31 | 29-20 |

**Description**
Releases system pressure in aircraft hydraulic reservoirs for maintenance or servicing.

**Applicable Aircraft**
Boeing 747-400, 757-200, 767-200/-300, 777-200


## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly
- Stainless steel construction with cadmium plate protective treatment

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 28
- Operating fluid: BMS 3–11 at 0–55 psig (0–379 kPa)
- Operating Temperature: -65–250° F (-54–121° C)
- 2.166 in. x 0.752 in. (5.502 cm x 1.910 cm), Weight, 0.13 lb (58.97 g)

AVIATION TECHNICAL SERVICES

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# CUP WASHERS

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.

734-17378ATS

734-17379ATS

734-17382ATS

The Cup Washers are part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Lock washers keep respective threaded components from backing off during service

## ATS PRODUCT REFERENCE

734-17378ATS
734-17379ATS
734-17382ATS

## OEM PART NUMBER

734-17378
734-17379
734-17382

## ATA CHAPTER

32-13

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 2
- Equivalent in fit, form and function to OEM assembly
- Tested for Proof Pressure and Ultimate Pressure against OEM data
- Made from 15-5 PH H1025 Stainless Steel

## AIRCRAFT APPLICATION

Boeing 777-200/300



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# Map Light Lens Assembly

| OEM Part Number | ATA Chapter |
|---|---|
| 16-0095-1 | 33-10-00 |

**Description**
Part of the Cockpit Floodlight Assembly

**Applicable Aircraft**
737-300/400/500/600/700/700C/800/900/900ER/MAX 8, 757-200/200PF/300, 767-300/300F

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM map light assembly
- Part of the Cockpit Floodlight Assembly
- Light illumination is identical to OEM part
- Installs in multiple locations per aircraft

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 18
- Lens is Lexan™ 96054 for excellent impact resistance and high optical quality
- Cup Rivet is C36000 brass for superior corrosion resistance
- 1.49” x 0.43”

AVIATION TECHNICAL SERVICES

cully.johnson@atsmro.com
+1 (214) 738-1466
https://www.atsmro.com

# Cargo Grille Lens Assembly

| OEM Part Number | ATA Chapter |
|---|---|
| 15-0712-7, 15-0712-12 | 33-36-00 |

**Description**
Protects cargo compartment light assemblies from impact damage

**Applicable Aircraft**
15-0712-7ATSMRO: Boeing 737-600/700/700C/800/900
15-0712-12ATSMRO: Boeing 737-600/700/800/900/900ER

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 22

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# Cover Plate Assembly

| OEM Part Number | ATA Chapter |
|---|---|
| 411N2069-8( ) | 52-41-00<br>52-13-00 |

**Description**
Decorative cover for entry door handle.

**Applicable Aircraft**
Boeing 737-600/700/800/900ER/MAX 8

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly
- Available in a multiple colors to match original

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 19
- Order 411N2069-8**B**ATSMRO for Soft White
- Order 411N2069-8**D**ATSMRO for Bright White

AVIATION TECHNICAL SERVICES

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https://www.atsmro.com

# Ball Clutch Shaft

| OEM Part Number | ATA Chapter |
|---|---|
| 732-14281 | 52-34 |

**Description**
Protects the Main Cargo Door Power Drive Unit when excessive torque is applied.

**Applicable Aircraft**
Boeing 757-200/200PF/200CB, 767-200/300/300F/400ER

## PRODUCT HIGHLIGHTS:

- Component of Main Cargo Door Hinge Power Drive Unit
- Equivalent in fit, form and function to OEM assembly
- Carbonized to increase wear resistance

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 5
- Made from alloy steel per ASTM E9310

AVIATION TECHNICAL SERVICES

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# Forward Fairing Access Door Latch

| OEM Part Number | ATA Chapter |
|---|---|
| H498-9-163-200 | 52-49 |

**Description**
Secures and releases the Air Conditioning Access Door.

**Applicable Aircraft**
Boeing 737-600/700/800/900

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly
- Safety Red handle paint indicates an improperly-secured latch

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 17

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# HOLD OPEN STRUT ASSEMBLY

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.

The Hold Open Strut Assembly is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

A strut for holding the Aft Fairing Brake Accumulator Door open during maintenance procedures

## ATS PRODUCT REFERENCE

149A7564-2ATSMRO

## OEM PART NUMBER

149A7564-2

## ATA CHAPTER

52-49-51

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 30
- Equivalent in fit, form and function to OEM assembly
- Attaches to the Aft Fairing Brake Accumulator Door
- Stows securely against the inner surface of the door for flight

## AIRCRAFT APPLICATION

Boeing 737-600/700/700C/800/900/900ER/MAX 8



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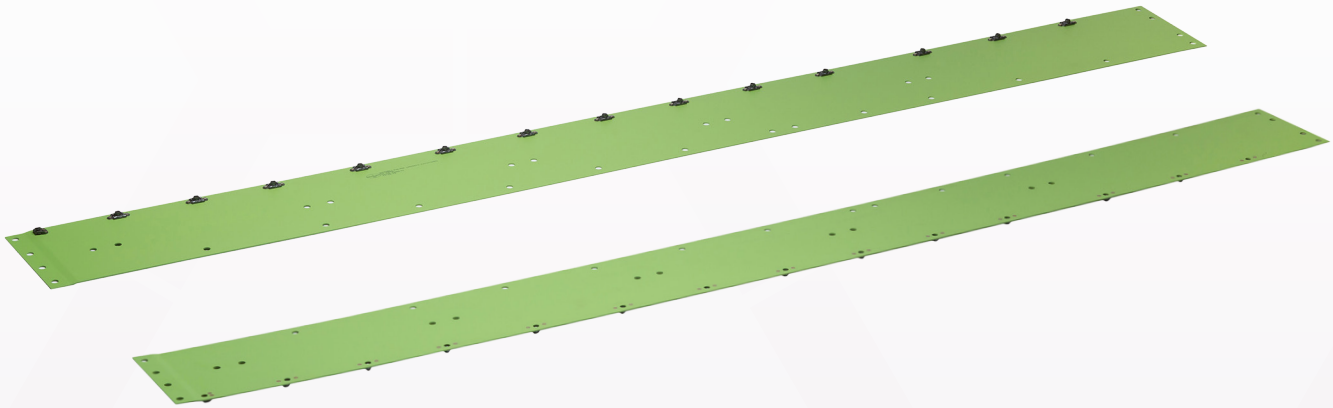
# AFT REVEAL ASSEMBLY

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.



The Aft Reveal Assembly is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Component of liner install around cargo bay door

## ATS PRODUCT REFERENCE

146A9403-237ATSMRO

## OEM PART NUMBER

146A9403-237

## ATA CHAPTER

53-11-00

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 15
- Equivalent in fit, form and function to OEM assembly
- Finished surface per MIL-DTL-5541, Class 1A chemical conversion
- Two coats of primer

## AIRCRAFT APPLICATION

Boeing 737-600/700/700C/800/900/900ER/MAX 8



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# AFT CARGO PIT SHIELD

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.

146A8127U10ATSMRO

146A8127U12ATSMRO

The Aft Cargo Pit Shield is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Provides attach points for sidewall and floor panels in the aft cargo compartment

## ATS PRODUCT REFERENCE

146A8127U10ATSMRO
146A8127U12ATSMRO

## OEM PART NUMBER

146A8127U10
146A8127U12

## ATA CHAPTER

53-60-15

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 20
- Equivalent in fit, form and function to OEM assembly
- Improved corrosion resistance
- Topcoat of BMS 10-79 Type II Class B primer for corrosion resistance
- Increased corrosion resistance
- 146A8127U10ATSMRO installs aft of the cargo bay door
- 146A8127U12ATSMRO installs forward of the cargo bay door

## AIRCRAFT APPLICATION

Boeing 737-600/700/800/737/900/900ER



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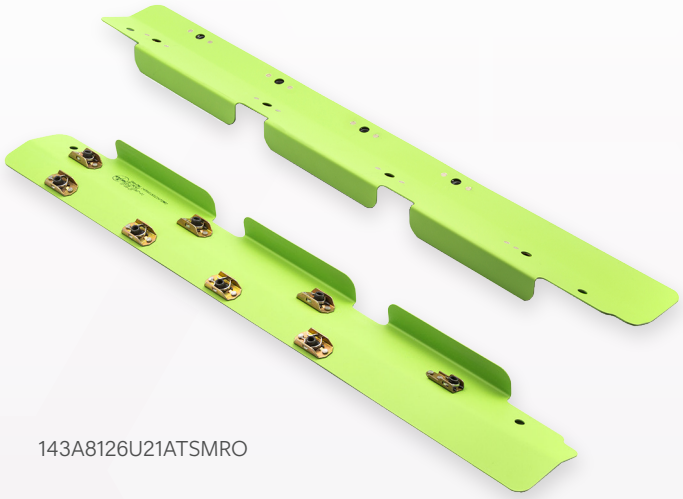
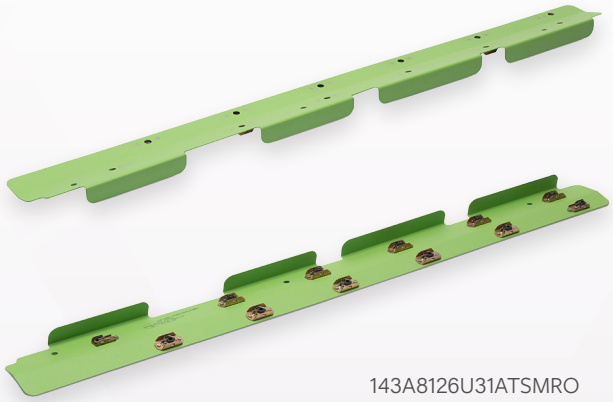
# SHIELD ASSEMBLY

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.



143A8126U21ATSMRO



143A8126U31ATSMRO

The Shield Assembly is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Attachment points for floor and sidewall panels of the forward cargo bay

## ATS PRODUCT REFERENCE

143A8126U21ATSMRO
143A8126U31ATSMRO

## OEM PART NUMBER

143A8126U21
143A8126U31

## ATA CHAPTER

53-30-15

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 34
- Equivalent in fit, form and function to OEM assembly
- 143A8126U21ATSMRO installs forward of the forward cargo bay door
- 143A8126U31ATSMRO installs aft of the cargo bay door

## AIRCRAFT APPLICATION

143A8126U21ATSMRO:
Boeing 737-700/700C/800/900/900ER/MAX 8/MAX 9

143A8126U31ATSMRO:
Boeing 737-700/700C



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# PANEL BREAK ASSEMBLY

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.

143A5240-35ATSMRO

143A5240-36ATSMRO

The Panel Break Assembly is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Provides support for floor panels located in the passenger cabin. PMA offering addresses operator-reported service difficulties for cracked OEM parts

## ATS PRODUCT REFERENCE

143A5240-35ATSMRO
143A5240-36ATSMRO

## OEM PART NUMBER

143A5240-35
143A5240-36

## ATA CHAPTER

53-42

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 38
- Equivalent in fit, form and function to OEM assembly
- Provided un-drilled to facilitate back-drilling
- 7075-T62 Formed Aluminum Sheet
- Chemical conversion coating and corrosion-inhibiting primer applied
- 143A5240-35ATSMRO installs left
- 143A5240-36ATSMRO installs right

## AIRCRAFT APPLICATION

Boeing 737-600/700/800/900/900ER/MAX 8/MAX 9



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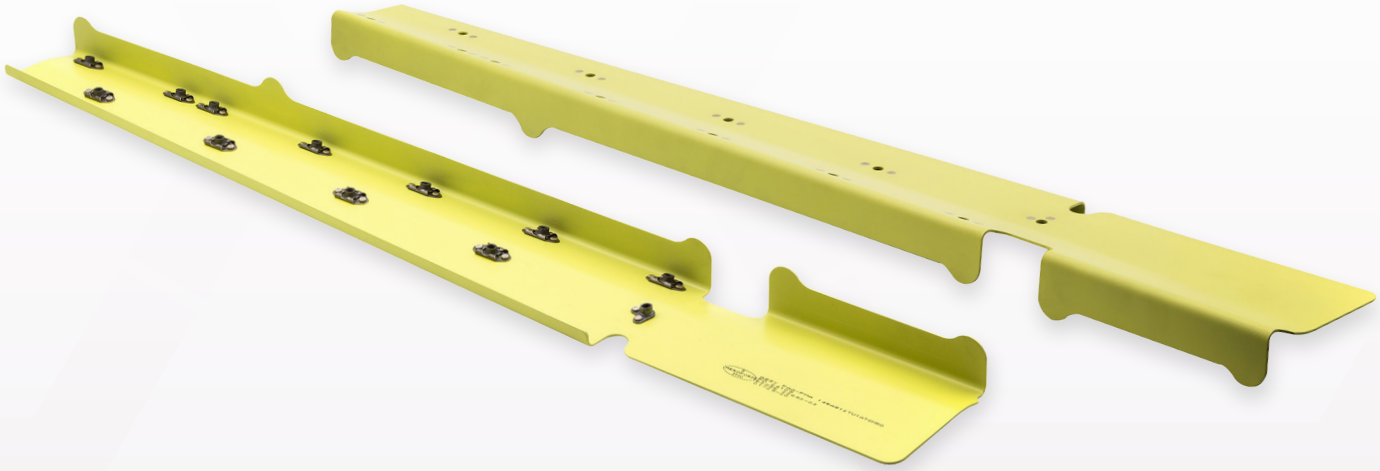
# AFT CARGO PIT SHIELD

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.



The Aft Cargo Pit Shield is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Provides attach points for aft cargo bay sidewall and floor panels

## ATS PRODUCT REFERENCE

146A8127U1ATSMRO

## OEM PART NUMBER

146A8127U1

## ATA CHAPTER

53-60-15

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 20
- Equivalent in fit, form and function to OEM assembly
- Improved corrosion resistance
- Topcoat of BMS 10-79 Type II Class B primer for corrosion resistance

## AIRCRAFT APPLICATION

Boeing 737-600/700/700C/800/900



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# AFT CARGO PIT SHIELD

ATS (Aviation Technical Services) specializes in making the MRO process better through reducing span times, increasing mechanic efficiency, and lowering overall costs through maintenance prevention strategies including targeted delivery of PMA parts and STC offerings.

146A8127U10ATSMRO

146A8127U12ATSMRO

The Aft Cargo Pit Shield is part of a suite of PMAs engineered by ATS. Our PMAs reduce cost, part leadtime, and aircraft time on the ground, quickly delivering financial and operational performance improvements to our customers.

## PRODUCT DESCRIPTION

Provides attach points for sidewall and floor panels in the aft cargo compartment

## ATS PRODUCT REFERENCE

146A8127U10ATSMRO
146A8127U12ATSMRO

## OEM PART NUMBER

146A8127U10
146A8127U12

## ATA CHAPTER

53-60-15

## TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 21
- Equivalent in fit, form and function to OEM assembly
- Improved corrosion resistance
- Topcoat of BMS 10-79 Type II Class B primer for corrosion resistance
- Increased corrosion resistance
- 146A8127U10ATSMRO installs aft of the cargo bay door
- 146A8127U12ATSMRO installs forward of the cargo bay door

## AIRCRAFT APPLICATION

Boeing 737-600/700/800/900/900ER



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# Inner Chord (LH/RH) of Aft Doors

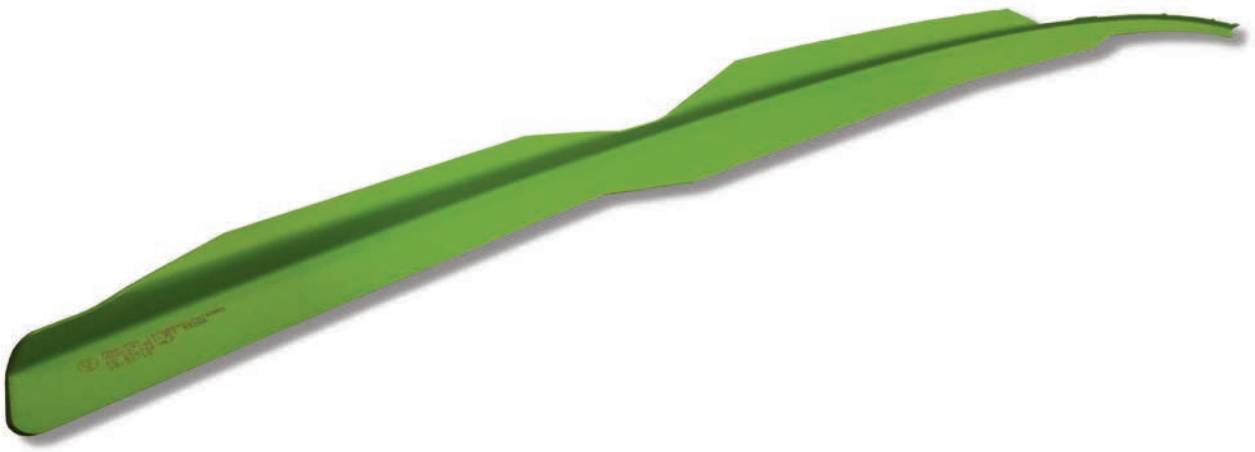
| OEM Part Number | ATA Chapter |
|---|---|
| 147A8540U7, 147A8540U8 | 53-70-15 |

**Description**

Formed stiffeners installed at threshold of Section 47 aft doors and are part of the Door Surround Structure.

**Applicable Aircraft**

Boeing 737-600/700/800/900/MAX 8



## PRODUCT HIGHLIGHTS:

- Provided as undrilled parts for match-drilling on the aircraft
- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 23
- Current OEM ICA information is applicable to parts

AVIATION TECHNICAL SERVICES

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# Lateral Restraint

| OEM Part Number | ATA Chapter |
|---|---|
| 313A2312-3 and 313A2312-4 | 54-52-04 |
| **Description** | |
| Attachment points for floor and sidewall panels of the Forward Cargo Bay. | |
| **Applicable Aircraft** | |
| Boeing 737-600/700/700C/800/900/900ER | |

## PRODUCT HIGHLIGHTS:

- Prevents lateral movement of the engine's aft fairing during flight
- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 35
- 313A2312-4 opposite part to 313A2312-3

AVIATION TECHNICAL SERVICES

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**ATS PRODUCT SUMMARY:** 780001-500-303, 780001-500-304, 780001-500-305, 780001-500-306

# Vortex Generators (Airbus A319/A320)

| OEM Part Number | ATA Chapter |
|---|---|
| N/A | 57 and 28 |

**Description**
Reduces whining noise on approach.

**Applicable Aircraft**
Airbus A319/A320


## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly
- Installs in existing fastener holes on fuel vent panel – no drilling required
- Four generators required per plane, kit option available
- FAA and EASA approved

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 14
- No impact to fuel overpressure protection ventilation system

AVIATION TECHNICAL SERVICES

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**ATS PRODUCT SUMMARY:** 780001-500-301, 780001-500-302, 780001-500-305, 780001-500-306

# Vortex Generators (Airbus A321)

| OEM Part Number | ATA Chapter |
|---|---|
| N/A | 57 and 28 |

**Description**
Reduces whining noise while on approach.

**Applicable Aircraft**
Airbus A321


## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly
- Installs in existing fastener holes on fuel vent panel – no drilling required
- Four generators required per plane; kit option available
- FAA and EASA approved

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 14
- No impact to fuel overpressure protection ventilation system

AVIATION TECHNICAL SERVICES

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# Stiffener

| OEM Part Number | ATA Chapter |
|---|---|
| 111A1308U15 | 57-10-10 |

**Description**
Stiffens Wing Center Section Rear Spar Web (Vapor Barrier).

**Applicable Aircraft**
Boeing 737-600/700/700IGW/800/900/900ER

## PRODUCT HIGHLIGHTS:

- Addresses operator-reported service difficulties for cracked OEM stiffener
- May be substituted for OEM parts as equivalent
- Un-drilled part to facilitate back-drilling

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 21
- 7050-T7451 Aluminum Plate
- Boric-sulfuric acid-anodized corrosion-inhibiting primer applied
- 12.68” x 2.19” x 0.10”, 0.32 lbs

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# Closeout Skin Assembly

| OEM Part Number | ATA Chapter |
|---|---|
| 116A4411U1, 116A4411U2 | 57-41-00 |

**Description**
Extends the profile of the leading edge under the engine pylon to close the gap between the wing and the pylon fairing.

**Applicable Aircraft**
Boeing 737-600/700/700C/800/900/900ER

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly
- Provided as undrilled parts for match-drilling on the aircraft

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 23
- Polished clad aluminum
- 22.27” x 13.71”
- Current OEM ICA information is applicable to parts

AVIATION TECHNICAL SERVICES

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# Wiggle Plate Assembly

| OEM Part Number | ATA Chapter |
|---|---|
| 115A2781-3, 115A2781-4 | 57-50-00 |

**Description**
Bridges the gap between the lower wing panel and the inspar skin, allowing a strong but flexible connection.

**Applicable Aircraft**
Boeing 737-600/700/700C/800/900/900ER/MAX 8/MAX 9


## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly
- Allows wing to flex without tearing out the fasteners on the access panel or rear spar

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 37
- 4.29” tall x 7.12” wide

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# Wiggle Plate Assembly

| OEM Part Number | ATA Chapter |
|---|---|
| 115A2781-13, 115A2781-14 | 57-50-00 |

**Description**
Ensures the trailing edge panel is aerodynamically smooth at the interface with the wing lower inspar skin.

**Applicable Aircraft**
Boeing 737-600/-700/-800/-900ER

## PRODUCT HIGHLIGHTS:

- Located on the Lower Inboard Fixed Trailing Edge Access Panel
- Allows wing to flex without tearing out the fasteners on the access panel or rear spar
- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 33

AVIATION TECHNICAL SERVICES

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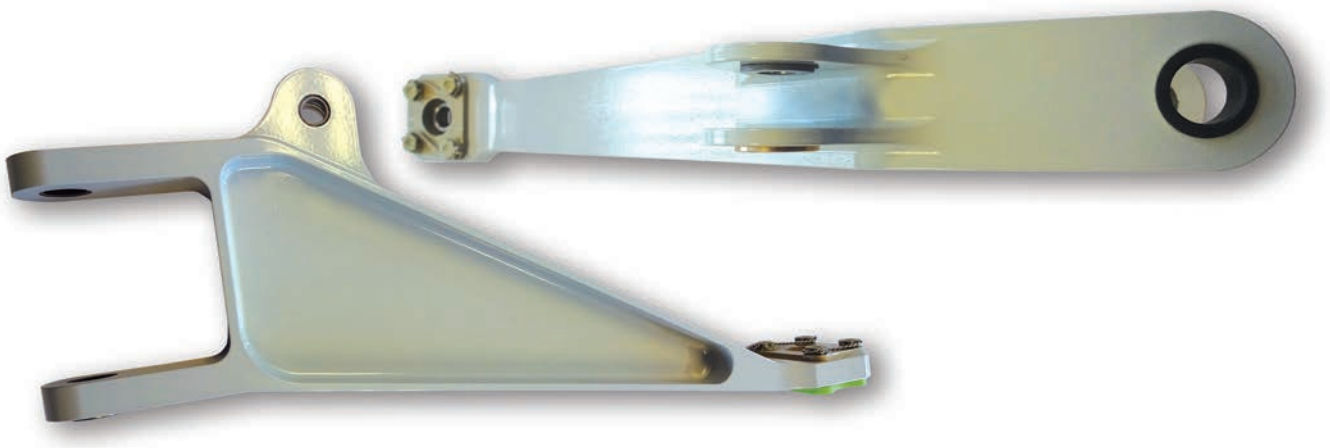
# Adjust Link Assembly

| OEM Part Number | ATA Chapter |
|---|---|
| 113A9305-5 | 57-53-71 |

**Description**
Serves as an aft attach point to hold the #3 or #6 Flap Track Fairings in place.

**Applicable Aircraft**
Boeing 737-600/700/700C/800/900/900ER/MAX 8



## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 24

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# Adjust Link

| OEM Part Number | ATA Chapter |
|---|---|
| 113A9305-7 | 57-53-71 |

**Description**

Feeds into next-higher Adjust Link Assembly. Aft attach point to hold the Flap Track Fairing (#3/#6) in place.

**Applicable Aircraft**

Boeing 737-600/700/800/900/900ER/MAX 8

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM part

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 24
- 7050-T7451 Aluminum Plate
- Boric-Sulfuric Acid Anodized, Corrosion Inhibiting Primer and Gloss Enamel applied

AVIATION TECHNICAL SERVICES

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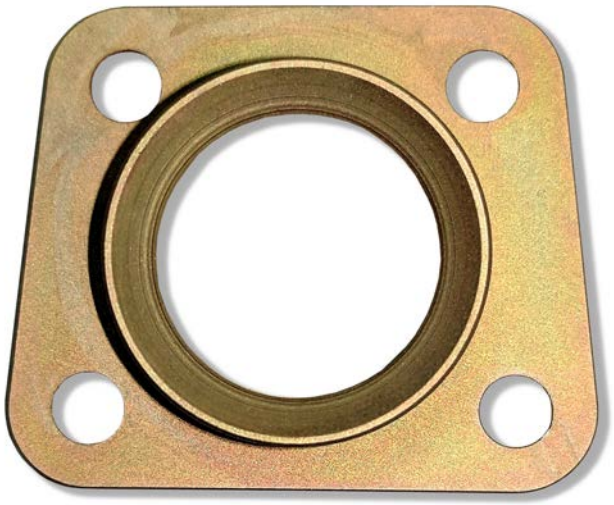
https://www.atsmro.com

# Bushing - Adjust Link

| OEM Part Number | ATA Chapter |
|---|---|
| 113A9120-1 | 57-53-71 |

**Description**
Holds the Flap Track Fairing (#1/#2/#3/#6/#7/#8) in place.

**Applicable Aircraft**
Boeing 737-600/700/800/900/900ER/MAX 8



## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM part

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 24
- 15-5PH CRES Plate
- Cadmium Plated

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# Retainer

| OEM Part Number | ATA Chapter |
|---|---|
| 69B14136-2 | 57-53-71 |

**Description**

Feeds into next higher Adjust Link Assembly. Aft attach point to hold the Flap Track Fairing (#1/#2/#3/#6/#7/#8) in place.

**Applicable Aircraft**

Boeing 737-600/700/800/900/900ER/MAX 8

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 24
- 17-7PH CRES Steel Plate
- Passivated and Corrosion Inhibiting Primer applied

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https://www.atsmro.com

# Shim - Laminated

| OEM Part Number | ATA Chapter |
|---|---|
| 69B14136-3 | 57-53-71 |

**Description**

Feeds into next-higher Adjust Link Assembly. Aft attach point to hold the Flap Track Fairing (#1/#2/#3/#6/#7/#8) in place.

**Applicable Aircraft**

Boeing 737-600/700/800/900/900ER/MAX 8

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM part

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 24
- 302 or 304 Corrosion Resistant Steel
- Corrosion Inhibiting Primer

AVIATION TECHNICAL SERVICES

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# Tee Frame, Upper

| OEM Part Number | ATA Chapter |
|---|---|
| 314-2162-3 | 71-10-00 |

**Description**
Structure located along the aft outer edge of the engine inlet cowl.

**Applicable Aircraft**
Boeing 737-600/700/700C/800/900/900ER

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 25
- 2024-T62 aluminum extrusion
- Sulfuric acid anodized, corrosion-inhibiting primer attached
- 87” wide x 47” tall x 3” deep (approx.) Weight: 5.44 lbs

AVIATION TECHNICAL SERVICES

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# Tee Frame, Lower

| OEM Part Number | ATA Chapter |
|---|---|
| 314-2162-4 | 71-10-00 |

**Description**
Structure located along the aft outer edge of the engine inlet cowl.

**Applicable Aircraft**
Boeing 737-600/700/700C/800/900/900ER

## PRODUCT HIGHLIGHTS:

- Equivalent in fit, form and function to OEM assembly

## TECHNICAL SPECIFICATIONS:

- FAA PMA PQ5315NM, Supplement 25
- Aluminum extrusion
- Sulfuric acid anodized, corrosion-inhibiting primer attached
- 87” wide x 47” tall x 3” deep (approx.) Weight: 5.44 lbs

AVIATION TECHNICAL SERVICES
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