ATS

PMA and STC PRODUCT CATALOG
FALL 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:
adam.deller@atsmro.com
+1 469 758 9616
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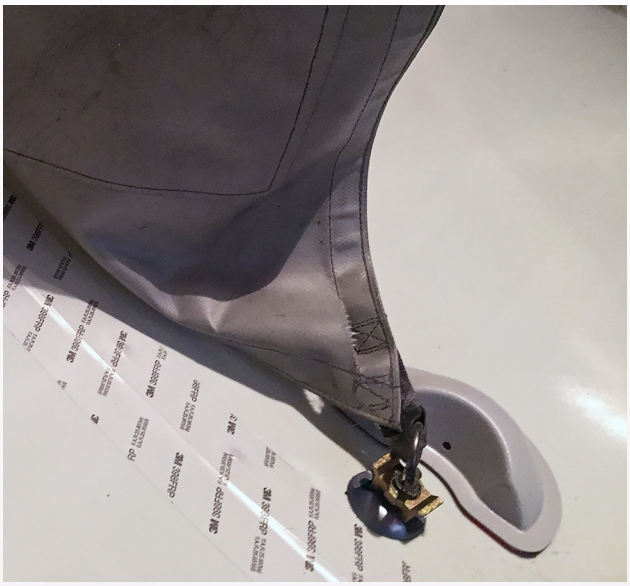
CARGOTEK®
NET ANCHOR GUARDS

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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adam.deller@atsmro.com
+1 469 758 9616
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EVERLATCH™
CARGO DOOR LATCH ASSEMBLY

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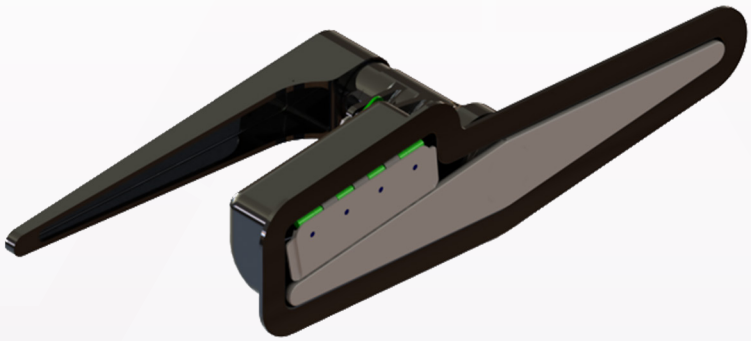

The EverLatch™ Cargo Door Latch by ATS is a cost-effective solution to a long-standing cargo door latch problem where operators experience fuselage skin and cargo door housing damage from sheered off nylon bumpers. The EverLatch is easy to install and is currently in service with airlines operating Boeing 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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adam.deller@atsmro.com
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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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adam.deller@atsmro.com
+1 469 758 9616
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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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adam.deller@atsmro.com
+1 469 758 9616
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25: EQUIPMENT / FURNISHINGS

AIR OUTLET

ATA Chapter: 25-11

PRODUCT DESCRIPTION

Directs air in the cockpit in a downward and aft direction, away from the flight crew

ATA PRODUCT REFERENCE

214A1118-12ATSMRO

OEM PART NUMBER

214A1118-12

TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 20
- Equivalent in fit, form and function to OEM assembly

AIRCRAFT APPLICATION

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

BRACKET ASSEMBLY

ATA Chapter: 25-11

PRODUCT DESCRIPTION

Pilot/first officer flight kit bag restraint bracket

ATA PRODUCT REFERENCE

232A4398-2ATSMRO

OEM PART NUMBER

232A4398-2

TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 46
- Equivalent in fit, form and function to OEM assembly

AIRCRAFT APPLICATION

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

GALLEY GUIDE ASSEMBLIES

ATA Chapter: 25-31

934023-1ATSMRO

934023-2ATSMRO

PRODUCT DESCRIPTION

Allows doors to open and slide into G3 and G4 Galley assemblies

ATA PRODUCT REFERENCE

934023-1ATSMRO
934023-2ATSMRO

OEM PART NUMBER

934023-1
934023-2

TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 21
- Equivalent in fit, form and function to OEM assembly
- Improved track and wheel to reduce wear

AIRCRAFT APPLICATION

Boeing 737-700

For more information contact:
adam.deller@atsmro.com
+1 469 758 9616
www.atsmro.com/engineering-solutions/

25: EQUIPMENT / FURNISHINGS

GALLEY RETAINER ASSEMBLIES — ATA Chapter: 25-31

984121-1-15ATSMRO

PRODUCT DESCRIPTION

Fastens galley cabinet doors closed. Limited to 90° rotation

ATA PRODUCT REFERENCE

2034100-3ATSMRO
2034100-4ATSMRO
984121-1-15ATSMRO

OEM PART NUMBER

2034100-3 L/H Quarter Turn Retainer
2034100-4 R/H Quarter Turn Retainer
984121-1-15

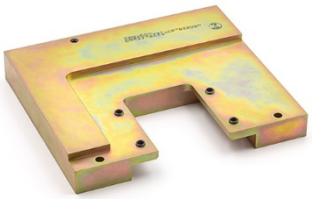
TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 21
- Equivalent in fit, form and function to OEM assembly

AIRCRAFT APPLICATION

Boeing 737-700/800

ATTACHMENT BLOCK ASSEMBLY – LAVATORY B — ATA Chapter: 25-40



PRODUCT DESCRIPTION

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

ATA PRODUCT REFERENCE

C23302-341-003ATSMRO

OEM PART NUMBER

C23302-341-003

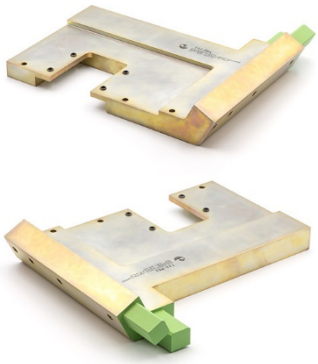
TECHNICAL SPECIFICATIONS

- 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

ATTACHMENT BLOCK ASSEMBLY – LAVATORY B — ATA Chapter: 25-40



PRODUCT DESCRIPTION

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

ATA PRODUCT REFERENCE

C23302-351-007ATSMRO

OEM PART NUMBER

C23302-351-007

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

For more information contact:
adam.deller@atsmro.com
+1 469 758 9616
www.atsmro.com/engineering-solutions/

25: EQUIPMENT / FURNISHINGS

FLOOR PANEL BLOCK ASSEMBLIES – LAVATORY B

ATA Chapter: 25-40

C23302-365-103ATSMRO

C23302-367-103ATSMRO

C23302-371-103ATSMRO

C23302-369-103ATSMRO

PRODUCT DESCRIPTION

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

ATA 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

TECHNICAL SPECIFICATIONS

- FAA PMA PQ513NM, Supplement 16
- Equivalent in fit, form and function to OEM assembly
- 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

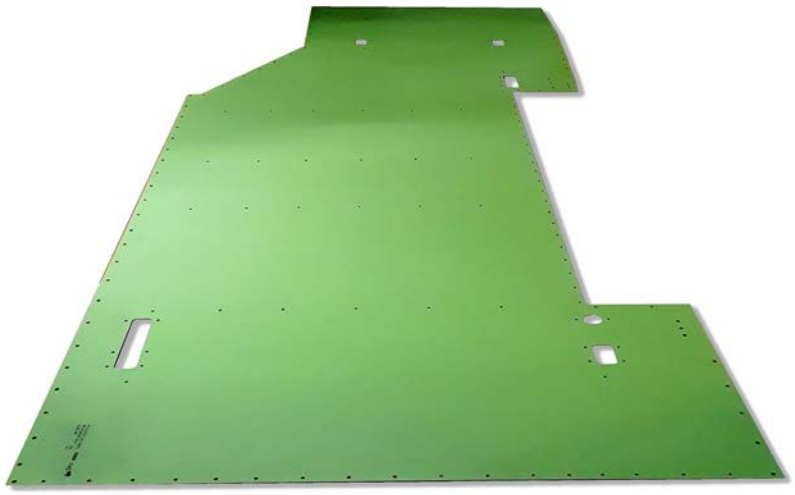
For more information contact:
adam.deller@atsmro.com
+1 469 758 9616
www.atsmro.com/engineering-solutions/

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:

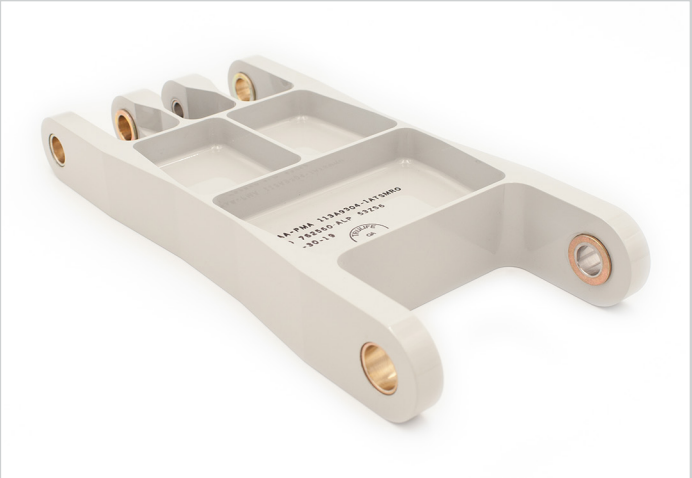
- FAA PMA PQ5315NM, Supplement 21
- 2024-T3 Clad Aluminum Sheet
- Chemical Conversion Coating and Corrosion-Inhibiting Primer
- 115.00” (292.10cm) long x 43.70” (110.99cm) wide x 0.08” (0.20cm) thick, 40.6 lbs (18.4 kg)

AVIATION TECHNICAL SERVICES

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

ATTACH BEAM 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 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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For more information contact:
michael.fleck@atsmro.com
+1 425 923 5518
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HYDRAULIC FUSE HOUSING

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 Hydraulic Fuse Housing 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 housing can be installed on separate Flow Rate Fuse assemblies. Contains parts that make a hydraulic fuse

ATS PRODUCT REFERENCE

7-1462-1ATSMRO

OEM PART NUMBER

7-1462-1

ATA CHAPTER

27-30

TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 3
- Equivalent in fit, form and function to OEM assembly
- Stainless steel housing - made of 15-5 stainless steel, hardened to H925 condition
- Component housing can be installed on separate Flow Rate Fuse assemblies 2-7680 and 2-7681
- 3.76″ x 0.93″

AIRCRAFT APPLICATION

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

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michael.fleck@atsmro.com
+1 425 923 5518
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HYDRAULIC FUSE HOUSING

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 Hydraulic Fuse Housing 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

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

ATS PRODUCT REFERENCE

7-2882-4ATSMRO
7-2882-5ATSMRO
7-2882-6ATSMRO

OEM PART NUMBER

7-2882-4
7-2882-5
7-2882-6

ATA CHAPTER

27-32

TECHNICAL SPECIFICATIONS

- FAA PMA PQ5315NM, Supplement 1
- Equivalent in fit, form and function to OEM assembly
- Meets or exceeds all CMM testing requirements
- 4.45" x 1.75"

AIRCRAFT APPLICATION

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

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michael.fleck@atsmro.com
+1 425 923 5518
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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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For more information contact:
michael.fleck@atsmro.com
+1 425 923 5518
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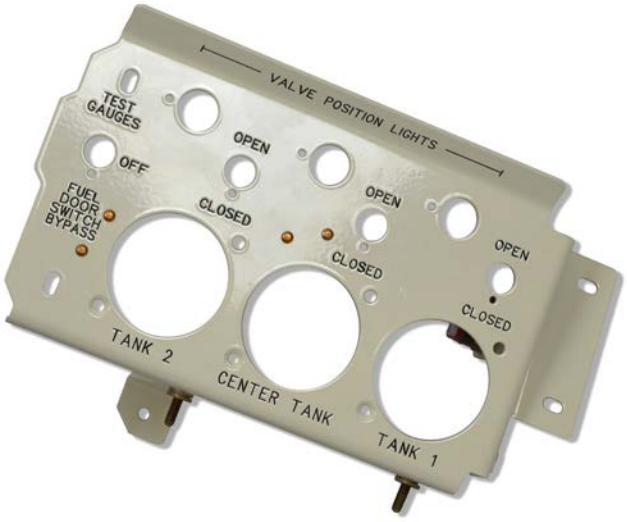
Refueling Station Panel Assembly

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

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

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

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

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

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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For more information contact:
michael.fleck@atsmro.com
+1 425 923 5518
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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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cully.johnson@atsmro.com
+1 (214) 738-1466
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Cover Plate Assembly

OEM Part Number	ATA Chapter
411N2069-8( )	52-41-00 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

cully.johnson@atsmro.com
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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

AVIATION TECHNICAL SERVICES

cully.johnson@atsmro.com
+1 (214) 738-1466
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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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michael.fleck@atsmro.com
+1 425 923 5518
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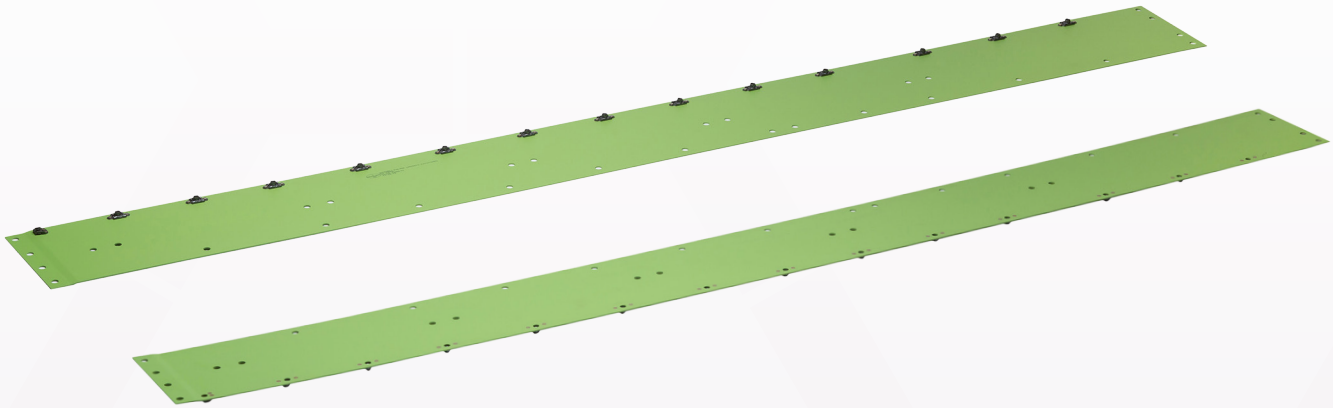
AFT REVEAL ASSEMBLY

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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michael.fleck@atsmro.com
+1 425 923 5518
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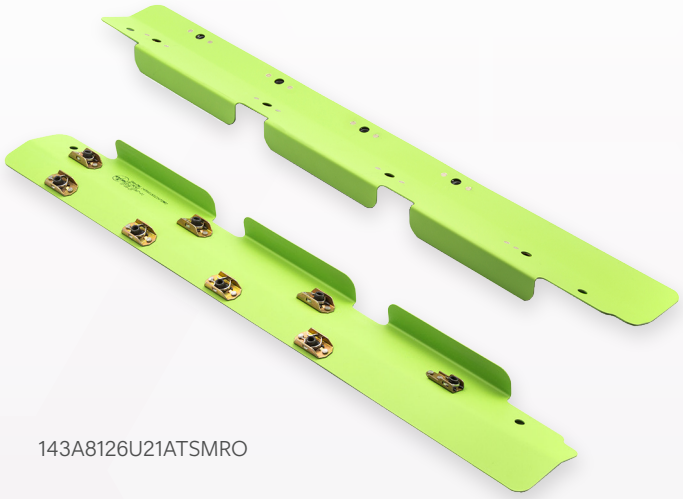
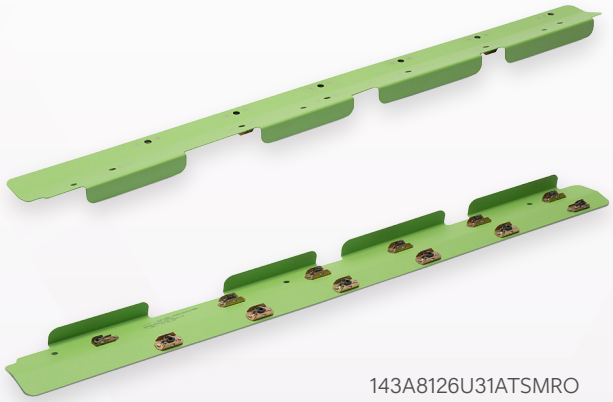
SHIELD ASSEMBLY

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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michael.fleck@atsmro.com
+1 425 923 5518
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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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+1 425 923 5518
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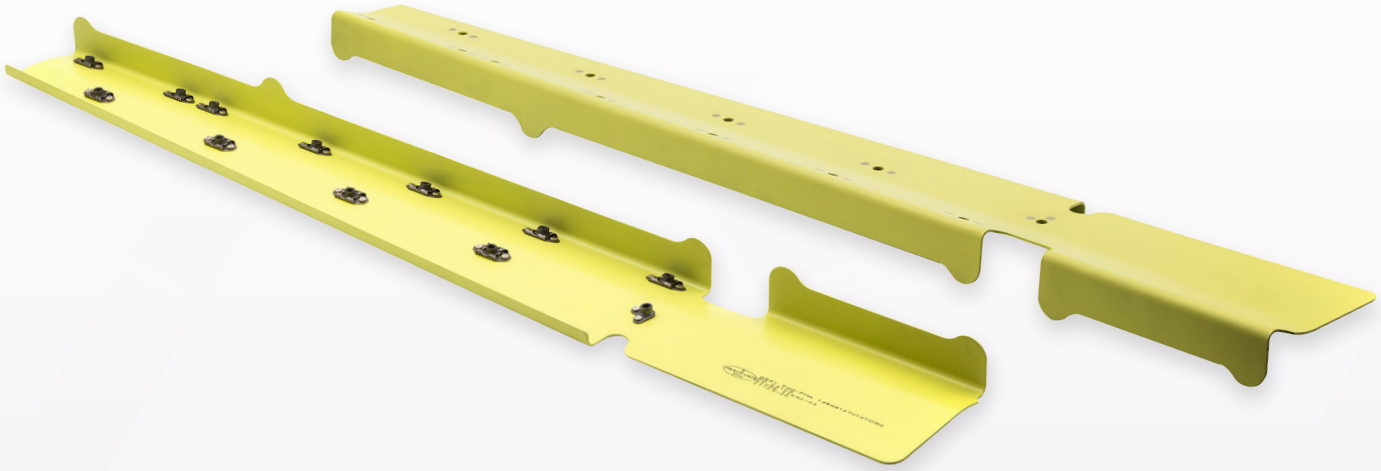
AFT CARGO PIT SHIELD

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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michael.fleck@atsmro.com
+1 425 923 5518
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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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michael.fleck@atsmro.com
+1 425 923 5518
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Inner Chord (LH/RH) of Aft Doors

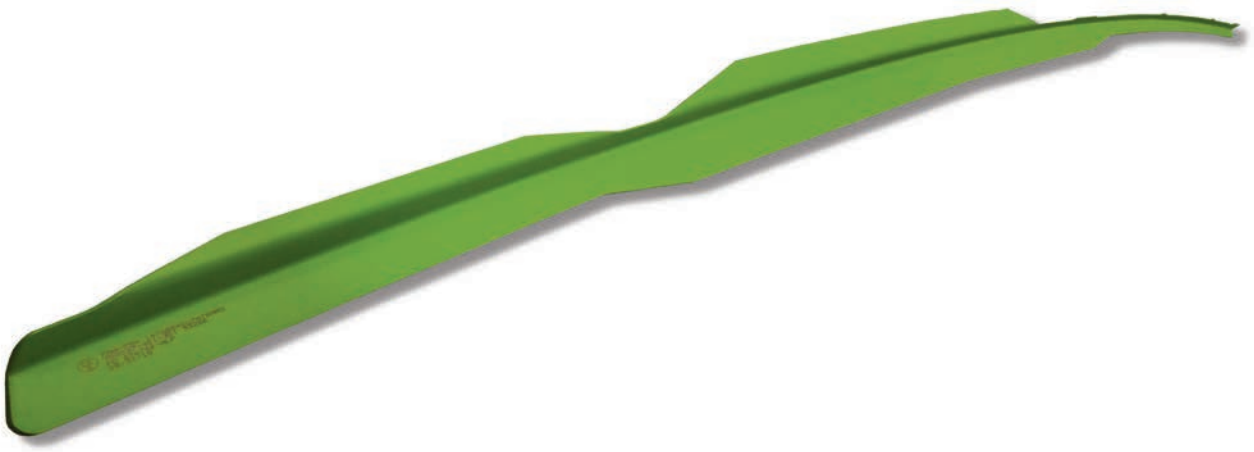
OEM Part Number	ATA Chapter
147A8540U7, 147A8540U8	53-70-15

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

cully.johnson@atsmro.com
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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

cully.johnson@atsmro.com
+1 (214) 738-1466
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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

cully.johnson@atsmro.com
+1 (214) 738-1466
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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

cully.johnson@atsmro.com
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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

AVIATION TECHNICAL SERVICES

cully.johnson@atsmro.com
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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

cully.johnson@atsmro.com
+1 (214) 738-1466
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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

AVIATION TECHNICAL SERVICES

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+1 (214) 738-1466
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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

cully.johnson@atsmro.com
+1 (214) 738-1466
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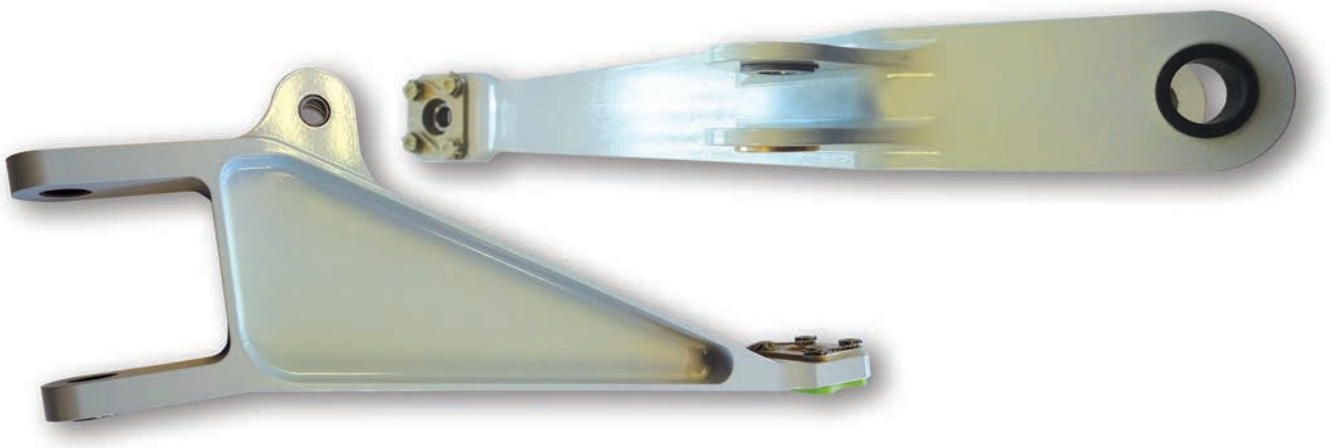
Adjust Link Assembly

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

AVIATION TECHNICAL SERVICES

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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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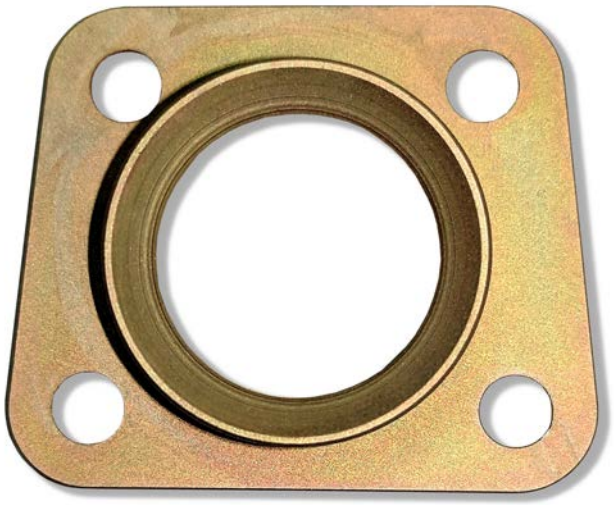
Bushing - Adjust Link

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

AVIATION TECHNICAL SERVICES

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+1 (214) 738-1466
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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

AVIATION TECHNICAL SERVICES

cully.johnson@atsmro.com
+1 (214) 738-1466
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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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+1 (214) 738-1466
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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

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+1 (214) 738-1466
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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

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