



OFFERINGS FOR AIR MEDICAL TRANSPORT HELICOPTERS

Innovation. Reliability. Performance.

The Aeronautical Accessories brand catalog offerings for air medical helicopters feature innovative products, parts and accessories. These include Nightscanner® Lighting, Wire Strike Protection Systems™ (WSPS™), Heli-SAS Autopilot, Polycarbonate Windshields, Health and Usage Monitoring Systems (HUMS), and High Visibility Doors and Windows. Each product uniquely capable to improve and enhance your mission.

The following offerings are available under the Aeronautical Accessories brand:

Global distribution

Ability to develop new custom offerings that meet a new specific customer requirement

High levels of customer service satisfaction and brand loyalty (verified by research)

Superior parts and accessories backed by Bell's ISO 9001 with AS9100 Revision D certification

Every component meets exacting FAA requirements and our own high-quality standards

Ready availability ensures quick, responsive shipments

Minimum downtime for repair, refurbishment, and completions



Nightscanner® Lighting/Searchlights

The Aeronautical Accessories catalog features several Nightscanner® lighting options for a variety of helicopter makes including Bell, Airbus, and MD. Nightscanner®, HID™ Nightscanner®, HID™ Nightscanner® Plus, Super™ Nightscanner®, and LED Super™ Nightscanner® lighting options are available – each with unique performance advantages to enhance your mission.

The comparison chart below highlights the performance of candlepower, lamp life, amps, and beam width for each of the five Nightscanner lighting products.

	Nightscanner®	HID™ Nightscanner®	HID™ Nightscanner Plus®	LED Super™ Nightscanner®
Candlepower	400K	500K	700K	>600K
Lamp Life (hours)	25	2000	1000	50,000
Amps	18	4	4.5	2.8
Beam Width (degrees)	13 x 14	9 x 9	9 x 9	9 x 9

NIGHTSCANNER®

Description	Part Number	STC Number
Bell 206A, B, L, L-1, L-3, L-4	206-810-101	SH1312SO
Bell 206B S/N 4311 and Subsequent Bell 206L-4 S/N 52081 and Subsequent	206-805-101	SH1312SO
Bell 407	407-805-101	SH1312SO
MD Helicopters 500, 520, 530, 600N Series	500-810-107	SH1383SO
Airbus AS350/H125 Series	350-810-103	SH1476SO
Airbus AS350/H125 Series	355-810-104	SH1477SO
Airbus BO-105 Series	105-810-003	SH1770SO
Airbus AS350/H125 w/IR Lens Kit	350-810-204	SH1476SO
Airbus AS350/H125 w/IR Lens Kit	355-810-205	SH1477SO

Net Weight Increase - Less Than 9 lbs. U.S. Patent and others apply

Listing continues on the following page.

Ordering is Simple



Search

Search [aero-access.com](#) using the parts finder tool to search by make, model and product category.



Order

Call, email, order online (new) or request a quote (RFQ) online.

RFQ responses are sent via email.



Ship

Orders are shipped to anywhere in the world.

Confirmation of shipment is sent via email.



Fly

World-class customer service helps enable time in the air.

24/7 Access

Visit [aero-access.com](#) for the latest offerings sold under the Aeronautical Accessories brand. The site features 24/7 access to technical information, pricing, availability, new accessories and more.

Nightscanner® Lighting/Searchlights

HID™ NIGHTSCANNER®

Description	Part Number	STC Number
Bell 206B S/N 4311 and Subsequent Bell 206L-4 S/N 52081 and Subsequent	206-805-500	SH1312SO
Bell 206A, B, L, L-1, L-3, L-4	206-810-500	SH1312SO
Bell 407	407-805-500	SH1312SO
MD Helicopters 500, 520, 530, 600N Series	500-810-500	SH1383SO
Airbus AS350/H125 Series	350-810-500	SH1476SO
Airbus AS350/H125 Series	355-810-500	SH1477SO
Airbus BO-105 Series	105-810-500	SH1770SO
HID Nightscanner Light only	099-800-101	

Net Weight Increase - Less Than 9 lbs. U.S. Patent and others apply

HID™ NIGHTSCANNER® PLUS

Description	Part Number	STC Number
Bell 206B S/N 4311 and Subsequent Bell 206L-4 S/N 52081 and Subsequent	206-805-500	SH1312SO
Bell 206A, B, L, L-1, L-3, L-4	206-810-500	SH1312SO
Bell 407	407-805-500	SH1312SO
MD Helicopters 500, 520, 530, 600N Series	500-810-500	SH1383SO
Airbus AS350/H125 Series	350-810-500	SH1476SO
Airbus AS350/H125 Series	355-810-500	SH1477SO
Airbus BO-105 Series	105-810-500	SH1770SO
HID Nightscanner Plus Light only	099-800-101	

Net Weight Increase - Less Than 9 lbs. U.S. Patent and others apply

SUPER™ NIGHTSCANNER®

Description	Part Number	STC Number
Bell 206 Series	206-810-501	SH1312SO
Bell 206B S/N 4311 and Subsequent Bell 206L-4 S/N 52081 and Subsequent	206-805-501	SH1312SO
Bell 407	407-805-501	SH1312SO
MD Helicopters 500, 530, 600N	500-810-501	SH1383SO

Net Weight Increase - 10.5 lbs. U.S. Patent and others apply

LED SUPER™ NIGHTSCANNER®

Description	Part Number	STC Number	Replaces
Bell 206 Series LED Super Nightscanner	206-810-502	SH1312SO	
Bell 206B S/N 4311 and Subsequent; Bell 206L-4 S/N 52081 and Subsequent LED Super Nightscanner	206-805-502	SH1312SO	
Bell 407 LED Super Nightscanner	407-805-502	SH1312SO	
MD Helicopters 369, 500, 520, 530, 600N Series LED Super Nightscanner	500-810-502	SH1383SO	
LED Super Nightscanner Light Assy	099-799-350		
PAR 64 LED replacement/upgrade bulb (compatible with existing Super Nightscanner Light Assy)	099-798-959	MULTI	QX4559X, Q4559X, Q4559, 4559



Wire Strike Protection System™ (WSPS™)

The WSPS™ Wire Strike Protection System™ provides a measure of protection for helicopters in the event of inadvertent flight into horizontally strung mechanical, electrical transmission, or communication wires or cables. The WSPS™ is designed to reduce the possibility of wires entering into the cockpit area, reduce the possibility of flight control damage during a wire strike, and decrease the possibility of wires becoming entangled in the landing gear.

WSPS™ WIRE STRIKE PROTECTION SYSTEM™

- The Magellan Wire Strike Protection System™ or WSPS™ provides a measure of protection from accidents and fatalities caused by inadvertent wire strikes.
- WSPS is the original helicopter wire cutting system with over 30 years of use.
- More than 20,000 kits have been delivered worldwide.
- The Magellan WSPS design is adapted for each platform in conjunction with the helicopter OEMs to ensure the integrity of the interface with each unique airframe.
- The U.S. Army confirmed the cutting ability of WSPS through full scale pendulum swing testing at the NASA Impact Dynamic Test Facility in Langley.

- No other wire protection product has the same technical heritage as WSPS.
- Magellan emphasizes that avoiding wires should always be a top priority in helicopter flight.

WSPS is designed to guide wires over the fuselage into high tensile steel cutting blades. The Basic WSPS consists of three components:

- A roof-mounted upper cutter deflector
- A lower cutter deflector
- A windshield deflector

Description	Part Number	STC Number
Bell 204, 205, 212, 412	965-36411-001	MULTI STCs
Bell 206A, B, L, L-1, L-3, L-4	965-37402-001	SR02370NY
Bell 222, 230, 430	965-35901-001	SH2697SO
Bell 407	965-37401-001	SR00975AT
Bell 429 Detachable Provisions	965-42901-011	SR02791NY
Airbus AS350/H125*	A84801-1	SR00817NY
Airbus AS350/H125*	B89501-1	SR00861NY
Airbus AS350/H125, AS355 Windshield Wiper Deflector Kit	965-46301-003	MULTI STCs
Airbus BK-117	965-19201-003	SH2944SO
Sikorsky S-76	965-34701-001	SR01141NY

*Not compatible with Airbus Models AS350/H125 and AS355 with OEM Wire Strike/Cable Cutting kit or provisions installed



Helisas Autopilot

The HeliSAS Autopilot and Stability Augmentation System from Genesys Aerosystems brings the tremendous safety and workload reduction advantages of stability augmentation – once reserved for military and transport category helicopters – to a wide range of light and medium helicopter models. Weighing less than 15 lbs., the HeliSAS sets a new standard for helicopter productivity. It dramatically reduces pilot workload while providing precise control during all modes of flight, regardless of wind conditions or shifts in weight. Designed to be engaged at all times – “SAS on” before takeoff and “SAS off” after landing – HeliSAS enhances stability and ease of handling. While the pilot may override the HeliSAS at any time with manual cyclic inputs, the attitude stabilization and force feel features enhance handling characteristics to mitigate inadvertent cyclic control inputs that could result in dangerous attitudes. Roll trim limits are +5° to -5° and pitch trim limits are +11° and -6°. In situations like whiteouts or brownouts where a pilot may lose visual reference, the HeliSAS helps maintain attitude.

HELISAS AUTOPILOT

HeliSAS is available in three configurations to address a variety of mission requirements:

- 1. Stability Augmentation System Only
- 2. Stability Augmentation System with Beep Trim
- 3. Stability Augmentation System and Autopilot with Beep Trim

All three configurations provide important workload reduction and safety enhancements, including significant stability improvement and automatic recovery to near level flight. If the helicopter is inadvertently flown to an extreme attitude, releasing the cyclic when the HeliSAS is engaged will automatically return the helicopter to a neutral attitude. Further, the HeliSAS Autopilot system provides many of the functions found in very heavy, expensive helicopter autopilots, but at a fraction of the cost and weight.

Description	Part Number	STC Number
206L Series Helisas Analog HSI Kit*	206-105-001	SR02346LA
206L Series Helisas EFIS Kit	206-105-002	SR02346LA
206L Series Helisas Provisions Kit	206-105-003	SR02346LA
206B Helisas Analog HSI Kit*	206-735-001	SR02346LA
206B Helisas EFIS Kit	206-735-002	SR02346LA
206B Helisas Provisions Kit	206-735-003	SR02346LA
Helisas Installation Kit (Analog/ADAHRS)	407-738-001	SR02344LA
Helisas EFIS Installation Kit	407-738-002	SR02344LA
Helisas Mounting Provisions	407-738-003	SR02344LA
Helisas Basic SAS Installation Kit (Analog/ADAHRS)	407-738-004	SR02344LA
Helisas Basic SAS W/EFIS Installation Kit	407-738-005	SR02344LA
Helisas Installation Kit (Analog/ADAHRS (w/ Beep Trim)	407-738-006	SR02344LA
Helisas EFIS Installation Kit (w/ Beep Trim)	407-738-007	SR02344LA
Helisas Basic SAS Installation Kit (Analog/ADAHRS) (w/ Beep Trim)	407-738-008	SR02344LA
Helisas Basic SAS EFIS Installation Kit (w/ Beep Trim)	407-738-009	SR02344LA

*KCS 55A Compass System compatible **NOTE: Must be installed by authorized dealer**

Polycarbonate Windshield

Aeronautical Accessories Branded Polycarbonate Windshield replacement kits for Bell 206 Series and 407 models is superior in impact performance compared to normal acrylic windshields. Exclusive mounting system of composite edging, adhesives and fasteners provides increased flexing and performance. Patent pending.

POLYCARBONATE WINDSHIELD

- U.S. Patent and others apply
- Superior in impact performance to normal acrylic windshields
- Polycarbonate windshield with exclusive mounting system of composite edging, adhesives and fasteners provides increased flexing
- Tested to Federal Aviation Regulations (FAR) Part 29
- Ideal as a replacement kit

BELL 206 SERIES

Description	Part Number	STC Number
Polycarbonate Windshield Kit (L/H and R/H)	206-907-005	SR09611RC
Acrylic Windshield L/H Clear with Polycarbonate	206-907-004	SR09611RC
Windshield R/H Clear	206-907-001	SR09611RC
Polycarbonate Windshield Kit L/H Clear*	206-907-002	SR09611RC
Polycarbonate Windshield Kit R/H Clear*	965-42901-011	SR02791NY

* Must have 206-907-005 previously installed

BELL 407

Description	Part Number	STC Number
Polycarbonate Windshield Kit (L/H and R/H) Clear	407-989-005	SR09539RC
Polycarbonate Windshield Kit L/H Clear*	407-989-001	SR09539RC
Polycarbonate Windshield Kit R/H Clear*	407-989-002	SR09539RC

* Must have P/N 407-989-005 previously installed



HUMS - Bell 407

The Aeronautical Accessories catalog has Health and Usage Monitoring Systems (HUMS) available for Bell 407 and 429 models:

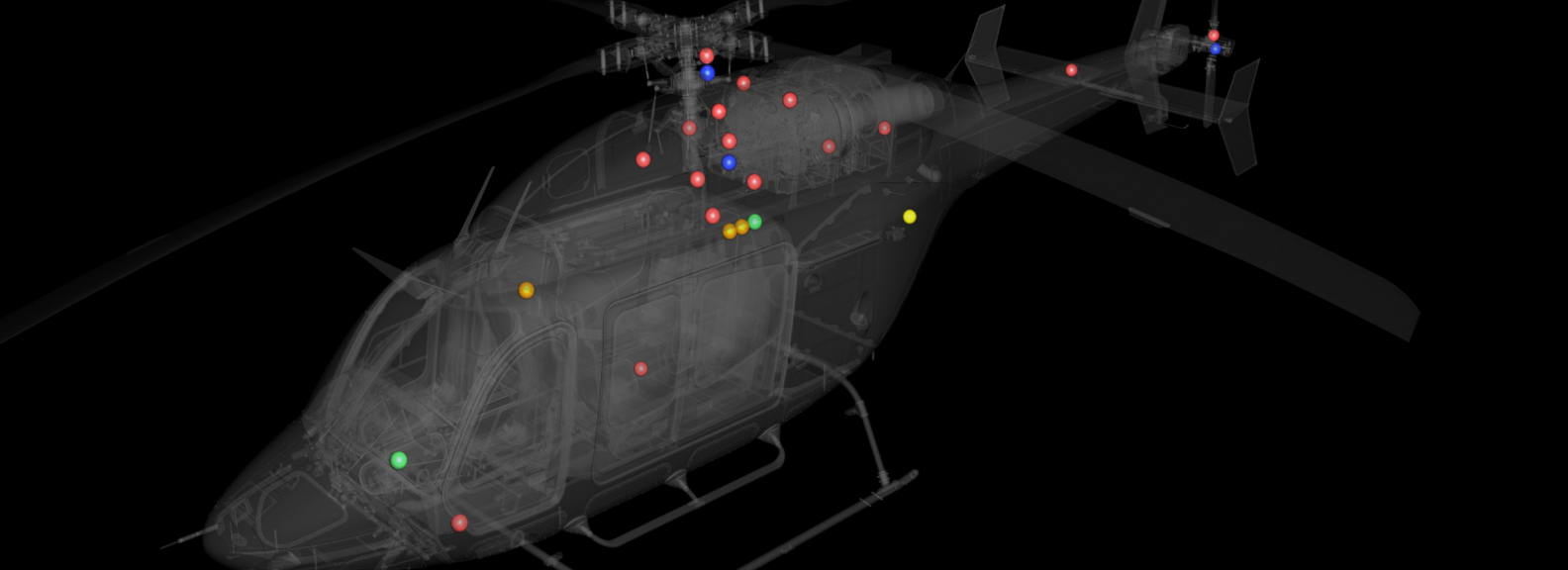
BENEFITS

- Automatic data acquisition for rotor track and balance reduces maintenance flights
- Advance notice of degradations on dynamic components can turn unscheduled maintenance into scheduled maintenance
- Catching problems early can reduce any collateral damage – i.e., less cost to repair
- Acquisition and easy download of flight parameter data can support a Flight Data Monitoring (FDM) program for new Part 135 compliance
- Improved ability to catch, troubleshoot maintenance issues

FUNCTIONALITY

- **Health monitoring** – from accelerometers, tachometers. System shall be capable of recording raw and intermediate sensor data (such as synchronous time average) as well as condition indicators
- **Rotor track and balance (RTB)** – data gathering including providing conditioned 24V power to GE Enhanced Universal Tracking Device (EUTD) optical blade tracker and receiving/processing track data from the same
- **Aircraft state data** – able to gather aircraft state parameter data from either ARINC-429 data bus (407GX configuration) or from dedicated sensors (407 analog configuration)
- **Data download** – system shall be provide Wi-Fi, terrestrial cellular, and wired (Ethernet) download capabilities.
Note– it is acceptable to deliver a system without cellular data transfer capabilities for initial STC if the cellular data transfer capability is certified within 3 months of initial STC.
- **Ground station software** – the system shall provide the ability to locally (“at aircraft”) receive, view HUMS data without an internet connection on a Microsoft Windows based device. Ground station software shall be capable of transmitting data to GPMS web server while connected to the internet
- **Web server** – the web server shall display aircraft health, RTB and flight state data with access control to limit data viewing to individual operators (i.e., an operator will not have access to another operator’s data). Bell to have access to all aircraft data on web server

Description	Item Number
GPMS PHM Foresight MX Kit for Bell 407GX and 407GXP (S/N 54300 - 54800)	1001.020.001
GPMS PHM Foresight MX Kit for Bell 407 (S/N 53001 - 54299)	1001.020.002
GPMS PHM Foresight MX Kit for Bell 407GXi (S/N 54567, 54805 & Sub)	1001.020.003



HUMS - Bell 429

The HUMS Kit provides the Bell Model 429 Helicopter a comprehensive airframe, rotor, engine and drive system vibration monitoring capability, and aircraft data recording supports customer flight data monitoring (FDM) programs. The HUMS Kit is designed to conduct routine vibration management functions, with no changes required in the mandatory maintenance functions of the BHT 429 Maintenance Manual. The system utilizes its vibration monitoring capability to make discretionary rotor and balance adjustments. No pilot interface is required during flight operations. Data downloads are manually commanded by pressing the LED array switch located on the PBA panel in the center pedestal.

BELL 429

Description	Part Number	STC Number
Bell 429 HUMS Kit	429-260-001	SR09536RC-D
HUMS Blade Tracker and Bracket Kit*	429-327-001	

*429-327-001 Kit is for Tracking and Balancing the Bell 429 with Aeronautical Accessories branded 429 HUMS Kit STC SR09536RC-D installed.



High Visibility Doors and Windows

The Aeronautical Accessories brand has High Visibility options for several makes and models. High Visibility Crew Doors are available for Agusta A119, Bell 206A, B, and 407 Models. The existing door is modified to incorporates an expanded and bulged window. This kit is ideal where additional visibility and crew shoulder room is a plus. High Visibility Cabin Doors are also available for Bell 407 models. This kit includes a modification to the existing passenger doors and litter doors that incorporates an expanded window, providing a larger viewing area. Replacement widows for High Visibility kits are also available.

AGUSTA A119 HIGH VISIBILITY CREW DOORS

Description	Part Number	STC Number
High Visibility Crew Door L/H	119-577-001	ST4432NY-R
High Visibility Crew Door R/H	119-577-002	ST4432NY-R
High Visibility Crew Door w/Snap Vent L/H	119-577-003	ST4432NY-R
High Visibility Crew Door w/Snap Vent R/H	119-577-004	ST4432NY-R

BELL 206A, B HIGHT VISIBILITY CREW DOORS

Description	Part Number	STC Number
High Visibility Crew Door Kit	*	SR09372RC-D
High Visibility Crew Door L/H	*	SR09372RC-D
High Visibility Crew Door R/H	*	SR09372RC-D

*Call Aeronautical Accessories salesperson with aircraft serial number for applicable part number

BELL 407 HIGH VISIBILITY CREW DOORS

Description	Part Number	STC Number
High Visibility Crew Door Kit w/o Snap Vents Lt Gray	407-577-001	SR09326RC
High Visibility Crew Door Kit w/o Snap Vents Lt Gray L/H	407-577-101	SR09326RC
High Visibility Crew Door Kit w/o Snap Vents Lt Gray R/H	407-577-102	SR09326RC
High Visibility Crew Door Kit w/ Snap Vents Lt Gray	407-577-002	SR09326RC
High Visibility Crew Door Kit w/ Snap Vents Lt Gray L/H	407-577-103	SR09326RC
High Visibility Crew Door Kit w/ Snap Vents Lt Gray R/H	407-577-104	SR09326RC
High Visibility Crew Door Kit w/o Snap Vents Clear	407-577-003	SR09326RC
High Visibility Crew Door Kit w/o Snap Vents Clear L/H	407-577-105	SR09326RC
High Visibility Crew Door Kit w/o Snap Vents Clear R/H	407-577-106	SR09326RC
High Visibility Crew Door Kit w/ Snap Vents Clear	407-577-004	SR09326RC
High Visibility Crew Door Kit w/ Snap Vents Clear L/H	407-577-107	SR09326RC
High Visibility Crew Door Kit w/ Snap Vents Clear R/H	407-577-108	SR09326RC

Loaner doors available

BELL 407 HIGH VISIBILITY CABIN DOORS

Description	Part Number	STC Number
Bell 407 Standard Configuration*	407-579-XXX	SR09376RC-D
Bell 407 Standard Configuration w/Snap Vents**	407-579-XXX	SR09376RC-D
Bell 407 Sliding Door Configuration***	407-579-XXX	SR09376RC-D
Bell 407 Sliding Door Configuration w/Snap Vents****	407-579-XXX	SR09376RC-D

- * P/N 407-579-XXX covers -100 (Light Gray), -150 (Medium Gray), and -200 (Dark Gray) High Visibility Cabin Door Kits. Kits include 2 High Visibility Passenger Doors, 1 High Visibility Litter Door and 1 High Visibility Fixed Panel Window. The Litter Door has to be installed in conjunction with the High Visibility Passenger Door. FAA/STC approved for Bell 407 helicopters. Contact Aeronautical Accessories Sales Representative for configuration options.
- ** P/N 407-579-XXX covers -300 (Light Gray), -350 (Medium Gray), and -400 (Dark Gray) High Visibility Cabin Door Kits. Kits include 2 High Visibility Passenger Doors, 1 High Visibility Litter Door and 1 High Visibility Fixed Panel Window. The Litter Door has to be installed in conjunction with the High Visibility Passenger Door. FAA/STC approved for Bell 407 helicopters. Contact Aeronautical Accessories Sales Representative for configuration options.
- *** Bell 407 Passenger Sliding Door Kit, STC SR01040AT, must be previously installed for High Visibility Sliding Doors. P/N 407-579-XXX covers -500 (Light Gray), -550 (Medium Gray), and -600 (Dark Gray) High Visibility Cabin Door Kits. Kits include 2 High Visibility Passenger Doors, 1 High Visibility Litter Door and 1 High Visibility Fixed Panel Window. The Litter Door has to be installed in conjunction with the High Visibility Passenger Door. FAA/STC approved for Bell 407 helicopters. Contact Aeronautical Accessories Sales Representative for configuration options.
- **** Bell 407 Passenger Sliding Door Kit, STC SR01040AT, must be previously installed for High Visibility Sliding Doors. P/N 407-579-XXX covers -700 (Light Gray), -750 (Medium Gray), and -800 (Dark Gray) High Visibility Cabin Door Kits. Kits include 2 High Visibility Passenger Doors, 1 High Visibility Litter Door and 1 High Visibility Fixed Panel Window. The Litter Door has to be installed in conjunction with the High Visibility Passenger Door. FAA/STC approved for Bell 407 helicopters. Contact Aeronautical Accessories Sales Representative for configuration options.

BELL 407 HIGH VISIBILITY REPLACEMENT DOORS AND WINDOWS

Description	Part Number	STC Number
Crew High Visability Window Clear L/H	407-574-001	SR09326RC
Crew High Visability Window Clear R/H	407-574-002	SR09326RC
Crew High Visability Window Lt. Gray L/H	407-574-003	SR09326RC
Crew High Visability Window Lt. Gray R/H	407-574-004	SR09326RC
Crew High Visability Window w/Vent Clear L/H	407-574-005	SR09326RC
Crew High Visability Window w/Vent Clear R/H	407-574-006	SR09326RC
Crew High Visability Window w/Vent Lt. Gray L/H	407-574-007	SR09326RC
Crew High Visability Window w/Vent Lt. Gray R/H	407-574-008	SR09326RC
Litter Door High Visability Window Lt. Gray L/H	407-586-101	SR09376RC-D
Fixed Panel Window Lt. Gray R/H	407-587-102	SR09376RC-D
Litter Door High Visability Window Med. Gray L/H	407-586-151	SR09376RC-D
Fixed Panel Window Med. Gray R/H	407-587-152	SR09376RC-D
Litter Door High Visability Window Dk. Gray L/H	407-586-201	SR09376RC-D
Fixed Panel Window Dk. Gray R/H	407-587-202	SR09376RC-D
Passenger High Visability Window Lt. Gray L/H	407-582-101	SR09376RC-D
Passenger High Visability Window Lt. Gray R/H	407-582-102	SR09376RC-D
Passenger High Visability Window w/Vent Lt. Gray L/H	407-582-301	SR09376RC-D
Passenger High Visability Window w/Vent Lt. Gray R/H	407-582-302	SR09376RC-D
Passenger High Visability Window Med. Gray L/H	407-582-451	SR09376RC-D
Passenger High Visability Window Med. Gray R/H	407-582-452	SR09376RC-D
Passenger High Visability Window w/Vent Med. Gray L/H	407-582-351	SR09376RC-D
Passenger High Visability Window w/Vent Med. Gray R/H	407-582-352	SR09376RC-D
Passenger High Visability Window Dk. Gray L/H	407-582-201	SR09376RC-D
Passenger High Visability Window Dk. Gray R/H	407-582-202	SR09376RC-D
Passenger High Visability Window w/Vent Dk. Gray L/H	407-582-401	SR09376RC-D
Passenger High Visability, Window w/Vent Dk. Gray R/H	407-582-402	SR09376RC-D

Note: High Visibility Crew Door Modification Kit (407-577-XXX) must be completed prior to installing individual replacement windows. See page 197.

Note: High Visibility Passenger Door Modification Kit (407-579-XXX) must be completed prior to installing individual replacement windows. See page 197.



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