get flying, faster.
Greetings

VIH Aerospace has undertaken a strategy to realign its focus, and product and service offerings to more efficiently and effectively address the needs of the international helicopter community.

VIH Aerospace’s philosophy - every employee is responsible for customer service - stems from our mission to provide high quality MMRO services and products, as well as safe and innovative supplemental type certified (STC) equipment.

A key aspect of the VIH Aerospace realignment is in the proactive promotion of our Original Equipment Manufacturer-approved maintenance, repair and overhaul services in addition to our Supplemental Type Certified products; products that have been painstakingly researched, designed and developed in partnership with world-class pilots and operators who have invested their time and knowledge in collaborating with us to help ensure our products offer innovative and mission-proven solutions with a goal of improving flight safety and enhancing operational effectiveness.

At VIH Aerospace our team continually strives to achieve one goal: to be an aerospace industry leader through the expert provision of value-driven, best-in-class Maintenance, Repair and Overhaul services, as well as offering custom manufacturing services to the global market. As part of the VIH Group of Companies, our history of success in operations around the globe, in addition to our associations with leading utility and offshore helicopter operators provides us with a unique perspective. This vantage point enables us to draw upon the best people and partners in our industry to develop products that offer you the greatest opportunity to enhance mission readiness with superbly engineered and developed equipment that enables you to confidently face the challenges of an ever-evolving and highly-competitive industry. On behalf of the VIH Aerospace Team, we wish you safe flight operations, and we look forward to offering you our continued support.

Sincerely,

Arne Arneson
General Manager

Who We Are

VIH Aerospace offers a variety of Maintenance, Manufacturing, Repair and Overhaul (MMRO) services and products for the helicopter industry.

We specialize in providing high-quality and cost effective solutions including:

- Component repair, overhaul, rental and exchange
- Manufacturing
- Avionics repair, installations, upgrades
- ADS-B installations
- Engineering and design
- Aircraft completions and refurbishment
- STC development
- Scheduled and unscheduled inspections

Aircraft types supported:

- Sikorsky S-61, S-76, S-92
- Bell 205, 206, 212, 222, 230, 407, 412, 429, UH-1
- Airbus H120, H130, H135

All VIH Aerospace STC’s hold applicable Regulatory approvals and are designed, tested and proven via both design testing protocols and high rates of in-the-field serviceability.

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Get Flying, Faster

VIH Aerospace offers top quality, value-enhanced helicopter maintenance, manufacturing, repair and overhaul (MMRO) services, including:

- Component repair & Overhaul
- Structures & Airframes
- Avionics & Electrical
- Paint & Composites
- STC development & Integrations

These services are delivered effectively and professionally to meet or exceed Original Equipment Manufacturer (OEM) specifications.

VIH Aerospace is a Bell Helicopter-approved Customer Service Facility (CSF).

VIH Aerospace is equipped to meet the changing demands of a global marketplace clients, offering helicopter maintenance services and STC’d products of the very highest standards...delivered on-time and on budget.

Mobile Repair Teams are available.
# Full Service Helicopter MMRO Hanger & Field Services

**Bell Helicopter 205 | 206 | 212 | 222 | 230 | 407 | 412 | 429 | UH-1**

Overhaul & Repair of:
- Main Rotor Head
- Swashplate
- Avionics & Electrical
- ADS-B
- Main Rotor Mast
- Main Transmission
- Intermediate & Tail Gearboxes
- Driveshaft Assembly
- Tail Rotor Assembly
- Paint
- Aircraft Completion
- Oil Cooler & Blowers
- Bellcranks & Lift Links

Rental and Exchange Units available to accommodate component overhaul requirements.
*412/429 field maintenance only.

**Airbus H120 | H130 | H135**

Overhaul & Repair of:
- Scheduled & unscheduled inspections
- 12-year inspections
- Complete avionics & electrical (repair, upgrades, installations, rewires)
- Structural repairs
- Composite repairs
- Paint

**Sikorsky S-61 | S-76**

Overhaul & Repair of:
- 9,000 HR Inspection
- STC Mission Equipment
- Avionics Upgrades & Installations
- Electrical Rewires / Harness Manufacture
- Main Rotor Head
- Swashplate
- Scissors & Sleeve Assembly
- Main Rotor Mast
- Main Transmission / Gearboxes
- Main Driveshaft Assembly
- Intermediate & Tail Rotor Assembly
- Paint
- Aircraft Completion

**Sikorsky S-92**

Overhaul & Repair of:
- Avionics Upgrades & Installations
- Electrical Rewires / Harness Manufacture
- Paint
- Aircraft Completion
- Modifications
- Return to Service

Contact VIH Aerospace for price and availability.

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**Quality products, well-designed & engineered.**
Aircraft Refurbishment

Does your helicopter need new life?
Our expert team will perform sheet metal and composite repairs, design and install upgraded avionics and electrical, replace aircraft windows and interior (including custom installs), perform modifications and upgrades, and paint to your specifications.

STC Design & Approval

Our Team of engineers work closely with and are conversant with the requirements of Regulatory Agencies around the world. From a basic antenna installation to a fully integrated fuel system, we work with your design or ours to meet and exceed your requirements. We can provide services to you from any stage of development from design conception through to certification.

Avionics Installation & Wiring

VIH Aerospace is renowned for its expertise in designing and installing the latest in sophisticated and complex communication and navigation equipment. Working closely with EMS and Law Enforcement Agencies for many years has enabled VIH Aerospace to become leading innovators and problem solvers for communication and navigation systems.

From repairing a wiring ‘snag’ to complete aircraft rewires and custom avionics installations, our Team is ready to support your requirements.

VIH Aerospace is also available for ADS-B upgrades and installations.
Bell 407 Component
Overhaul, Rental & Exchanges

VIH Aerospace’s Bell 407 Major Component Overhaul, Rental and Exchange program offers operators the added assurance of having difficult-to-source serviceable/overhauled major components available for rental while your components are being repaired and/or overhauled at a Bell certified Customer Support Facility (CSF). Component exchange also available.

Our experienced component team is available to overhaul your components, electrics and structures to ensure fast and efficient turn-around times.

Contact VIH Aerospace Sales for availability and pricing for your overhaul and rental requirements.
NVIS Alternate Lighting Installations

The demand for night vision goggles (NVG’s) in civil search and rescue operators is growing. To address this requirement, the Alternate Lighting Installation enables operators to reconfigure the cockpit and cabin of a variety of fixed and rotary-wing aircraft to make them NVG-compatible. This enables flight crews in a variety of SAR/EMS/Law Enforcement operations and others to conduct operations in an NVG-friendly environment.

System upgrades and installations can be performed on-site at our Victoria, British Columbia (YYJ) facility, or at the customer’s location. Contact the VIHA Sales team today for details.

ADS-B Installations & Upgrades

As of January 1, 2020, flight operations in the airspace designated in 14 CFR 91.225 must be equipped with ADS-B-Out avionics that meet the performance requirements of 14 CFR 91.227. All registered aircraft, regardless of country of origin, must be in compliance in order to operate in US Airspace.

As a Garmin authorized distributor and installer, VIH Aerospace is ready to assist customers with fast and cost-effective installations to ensure their aircraft complies with the ADS-B 2020 mandate; and help ensure uninterrupted operations for both commercial and recreational flyers – from single aircraft to standardized fleet installations.

System upgrades and installations can be performed on-site at our Victoria, British Columbia (YYJ) facility, or at the customer’s location. Contact the VIHA Sales team today for details.
Capabilities

AVIATION PRODUCTS
MANUFACTURING:

FABRICATION
- Machining
- Welding
- Sheet Metal
- Vertical Reference Windows
- Composite Structures
- To-Order Parts Manufacturing (per engineering drawings)
- Painting

DESIGN
- Mechanical Design
- Avionics/Electrical Design
- Drafting
- Certification

SERVICES
- Component/System Assembly
- Mechanical Installations
- Non Destructive Testing
- Laser Wire Marking
- Wiring Harness Fabrication
- Avionics & Electrical Design/Installations
- Mission Systems
Vertical Reference Windows

A vertical reference window that works in the real world of helicopter long line operations.

Designed in consultation with professional vertical reference pilots (forestry, seismic, fire suppression).

» No VNE Restrictions
» Bottom cut hole for unimpeded visibility
» Supplemental Type Certified

Cargo Restraint System

The VIH Aerospace Cargo Restraint System allows cargo to be safely loaded into the aft right and/or left hand corners of the main cabin, while maintaining the original seating configuration.

Passengers can use the side facing seats with the side cargo net removed and the aft cargo net in stowed locked position.

*Left and right hand cargo restraint systems sold separately.

» Kits available for Bell 205 / 212
» Transport Canada STC’d
» FAA STC approved as required by USDA forest service
» Net and frame assemblies clip in and out in seconds
» Keeps cargo firmly contained
» Proven in field operations
Delivering high-quality services & products, on-time & on-budget.

Foot Rest / Cargo Holder

- Designed for all Bell 206 series & 407 helicopters
- Holds up to 22.7 kg / 50 lbs of equipment or supplies
- Protects your chin bubble from scratches and breakage
- Provides foot rest for co-pilot position
- Ideal for carrying 5 man life raft when flying over water
- Great place to store your survival kit
- Removable mesh basket
- Install or remove in minutes
- FAA & Transport Canada STC’d
2017 STC PRODUCT CATALOG
Bell 212 / 412 MCP01 Master Caution Panel

**Benefits**
- Most cost-effective and reliable replacement available
- Has the equivalent cost of one day of lost flying ops

**Features**
- VHI Aerospace’s new, solid state Master Caution Panel will help ensure your 212 helicopter remains flying and earning, while offering a number of benefits and enhanced features over its 45+ year-old predecessor.
- Drop in replacement for your existing OEM unit, and it uses your existing wiring and connectors; making additional retro-fit delay time and costs non-issues
- The one piece display filter prevents moisture & environmental contaminants from entering the panel
- New electronics package, LED display technology & mechanical packaging incorporates “State Recorder” that digitally monitors & records the status of system annunciators in real-time (2000 + events), & can output the data via an RS422 to systems including those used for Helicopter Flight Data Management (HFDM).
- Plug + Play Replacement (uses existing plugs & wiring)
- LED Lighting (dual redundancy – no bulb replacements required)
- NVIS Version Option Available
- Custom Legends Available
- 1.75 lbs (versus current 5lb unit)
- 75% Less Current Draw
- Cooler Operation

Bell 205 / 212 / 412 Cargo Net Retention System

**Benefits**
- Fast, Easy installation
- Allows for different passenger/cargo configurations
- Prevents load shifting and damage to aircraft interior

**Features**
The Rear Cargo Net Retention System is designed to allow cargo to be loaded into the aft right hand and/or left hand corners of the main cabin, while maintaining the original cabin seating configuration.

The system consists of 2 separate kits that can be purchased individually:
- **P/N V205-510**
  - The Aft Cargo Net Kit (P/N V205-510): is used to restrain loads aft of Station 129.0. The individual net assemblies are identical and can be interchanged between left-hand and right-hand sides of the aircraft. They can also be installed individually or combined with the Side Cargo Nets (V205-511). In a passenger-carrying configuration, the net can be quickly unhooked & stowed without removing the frame. This kit consists of aft cargo net assemblies, hanger brackets, floor brace assemblies and all necessary attaching hardware.
- **P/N V205-511**
  - The Side Cargo Net Kit is used to position loads laterally aft of Station 129.0, reducing the risk of damage to the passenger sliding doors and cabin windows. The individual net assemblies are identical and can be interchanged between left-hand and right-hand sides of the aircraft. They can also be installed individually or combined with the Aft Cargo Nets (V205-510). In a passenger-carrying configuration, the net assembly can be quickly unhooked & stowed. This kit consists of side cargo net assemblies, jaw fittings, and all necessary support documentation.

Contact VHI Aerospace for pricing and availability.
Bell 205 / 212 Pulse Light Installation

Benefits
- Fast and easy installation
- Increases the visibility of your aircraft to others
- Reduces the possibility of aircraft near-misses & bird strikes

Features
Whether you’re conducting flight operations in a traffic-heavy environment or in the circuit to land, your visibility to other pilots is critical to flight safety. The Pulse Lights Installation is designed to be a simple method to improve air safety by making your aircraft more visible to other operators.

A pair of 150W or 250W lights (28 volts) are installed under the nose of the aircraft. When activated, the incorporated pulse module pulses the lights in an alternating “wig-wag” arrangement, giving the illusion of exaggerated movement and thereby increasing the visibility of your aircraft. This reduces the likelihood of near-misses with other aircraft, and the possibility of bird strikes.

The Pulse Light Installation kit comes with a pulse light module tray, two lights & mounting brackets, and installation hardware. All necessary support documentation is also included.

Bell 204 / 205 Nose Survival Kit

Benefits
- Fast, easy installation and removal
- Provides an impact resistant container for storage of survival equipment
- Quick-release latch allows for easy removal

Features
When conducting operations in isolated areas, emergency preparation is essential. The Nose Survival Kit (Bell 204B, 205A, and 205A-1 exclusively) provides a sturdy and secure method for storing food items and other survival equipment. The installation is comprised of two different sized survival kits: an Upper Kit (0.45 cu ft volume), and a Lower Kit (0.94 cu ft volume).

Each kit has a maximum capacity of 50 lbs. Operators have the option of using one or both kits, depending on variables including: weight / number of passengers / mission profile.

The quick-release latch located on the front of each kit allows for easy removal and replacement, and the sturdy case construction ensures the safety and security of all contents.

NOTE: Installation of this kit requires that the aircraft be equipped with a Dart Aerospace Dual Battery Rack per STC SH92-19 or SH1004NE. The Nose Survival kit comes with mounting trays, decals, and installation hardware. All necessary support documentation is included.
Bell 205 / 212 Nose Survival Kit

**Benefits**
- Fast, easy installation and removal
- Provides a sturdy container for storage of survival equipment
- Quick-release latch allows for easy removal of container

**Features**
When conducting operations over remote areas, you must be prepared for the worst. The Nose Survival Kit (Bell 205B & 212 exclusively) provides a sturdy and secure method for storing food items and survival equipment. The kit has 1.2 cu ft of volume, and a maximum capacity of 50 lbs.

A quick-release latch allows for easy removal and replacement of the kit, and the sturdy construction ensures that the contents will remain undamaged. When empty, the kit can also be used as a pot or container for holding water.

The Nose Survival Kit comes with a mounting tray, decals, and installation hardware. All necessary support documentation is included.

<table>
<thead>
<tr>
<th>PART#</th>
<th>V212-0525M</th>
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<tbody>
<tr>
<td>CANADA (TC)</td>
<td>SH07-12</td>
</tr>
<tr>
<td>US (FAA)</td>
<td>SRO243NY</td>
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<tr>
<td>WEIGHT</td>
<td>52.4 lbs *</td>
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<tr>
<td>PRICE</td>
<td>$3,070.50</td>
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</table>

* Weight of mounting tray & fully-loaded survival kit.

Bell 205 / 212 Crew Entry Steps

**Benefits**
- Fast, easy installation
- Permits safe, easy cockpit entry
- Each foot post is treated with anti-skid coating to prevent slipping

**Features**
Minimize the risk of injury when entering or exiting the cockpit. The Bell 205 / 212 Crew Entry Step assembly permits safe and easy pilot and co-pilot cockpit access. In addition, the mounting location and minimal profile of the steps ensures that they do not interfere with visibility when conducting long-line operations.

The easy to install and remove Crew Entry Steps bolt onto existing hard points under the cockpit doors and are available as sets or individual units.

The kit includes pilot & co-pilot step assemblies (1 each), installation hardware, and all necessary support documentation.

<table>
<thead>
<tr>
<th>AIRCRAFT</th>
<th>205A-1, 205B, 212</th>
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<tbody>
<tr>
<td>PART#</td>
<td>V205-050 (Co-Pilot Step)</td>
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<tr>
<td>CANADA (TC)</td>
<td>SH09-41</td>
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<tr>
<td>US (FAA)</td>
<td>SRO2769NY</td>
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<tr>
<td>WEIGHT</td>
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<td>PRICE</td>
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AIRCRAFT
205A-1, 205B, 212

PART# V205-090 (Complete Kit)

STC APPROVAL 
CANADA (TC) SH09-41
US (FAA) SR02769NY

WEIGHT

Sub-kits:
- Rain Gutter (qty 2) N/A**
- Passenger door slider (qty 2) N/A**
- Door stop (qty 2) N/A**
- Heavy-duty door stop (qty 2) 0.5 lb*
- Roller guard (qty 2) N/A**
- Door roller modifications (qty 2 sets) N/A**
- Door handles (qty 2 sets) 10 lbs*
- Heavy-duty handle covers (qty 2) N/A**
- Protector plate (qty 2) 1 lb*
- Crew door guides (qty 2 sets) 0.6 lb*

Total weight for components installed on LH & RH sides of aircraft.

Benefits
- Each sub-kit is easy to install
- Improves operation and functionality of crew and passenger doors
- Reduces wear and tear, and improves service life of doors

Features
The Door Modifications Kit provides several key updates that can be installed on the cockpit and passenger doors of the Bell 205A-1, 205B and 212 aircraft that improve the operation and functionality. Each modification can be purchased separately, or as a complete kit.

The kit is comprised of various individual sub-kits:

1. **Rain Gutter**
   Prevents rain water from rolling off the airframe and onto passengers as they board or disembark the aircraft. Rain water is funneled to the aft end of the passenger door frame and discharged.

2. **Passenger Door Slider**
   Replaces original Bell part with a longer slider, ensuring smooth motion of the passenger door. Includes sliders and attachment screws (qty 2 of each).

3. **Door Stop (aft)**
   Replaces original Bell part, and provides a contact point for the new longer passenger door slider. Includes stoppers, attachment angles, and doublers (qty 2 of each), as well as installation hardware.

4. **Heavy-duty Door Stop**
   Installed at the inner latch handle of the passenger door, the door stop acts as a primary contact point between the door and the airframe. It also serves to reduce or prevent impact damage on the aft door stop.

5. **Heavy-duty Handle Cover**
   Prevents passengers from inadvertently activating the forward hinged passenger door. The cover assembly is easy to remove in the event that the door needs to be opened in an emergency situation. Includes cover assemblies (qty 2) and installation hardware.

6. **Crew Door Guides**
   Installed on aft side of the crew door and aft crew door frame to take up the weight of the door when it is in the closed position. This helps relieve tension and eliminate wear on the forward hinges. Includes door guides and door stops (qty 2 of each), mounting plates (qty 6) and installation hardware.

7. **Door Handles**
   Interior and external handles are added to aid in the opening and closing of the passenger doors. Addition of the external handle also reduces the wear of the existing door latch handle. Includes handles, doubler plates (qty 4 of each) and installation hardware.

8. **Protector Plate**
   Installed on the lower panel of the forward hinged passenger door to prevent damage to the door’s outer skin from the inside. The plate also can be used for the operator to install aftermarket storage pouches or pockets. Includes protector plates (qty 2), mount bracket assemblies (qty 16), and installation hardware.

9. **Roller Guard**
   Prevents wear of the existing passenger door track. Includes guards (qty 2) and installation hardware.

10. **Door Handles**
    Approximately 10 lbs weight change.
Bell 206 External Torque Gauge

**Benefits**
- In line with pilot's field of view during long-line operations
- Easy installation

**Features**
To safely and effectively perform long-line operations, pilots must monitor engine torque while observing the status of the external load at the end of the sling.

The External Torque Gauge installation is designed specifically for this purpose.

Mounted just below the pilot-side door on the Bell 206, the external torque gauge is within the pilot's field of vision while looking out and down from the vertical reference window. Easy to install, the External Torque Gauge ties in directly to the existing engine torque system.

The kit consists of a torque gauge and housing assembly, rigid fluid line assemblies, fluid fittings, and all necessary installation hardware. All support documentation is also included.

---

Bell 206 / 407 Foot Rest / Cargo Holder Kit

**Benefits**
- Mesh fabric lining allows for carriage of small items
- Fast, easy installation

**Features**
The Foot Rest/Cargo Holder Kit is designed to provide a footrest for passengers seated in the co-pilot’s seat, and doubles as a storage space for stowing smaller cargo items. The kit is installed where the optional aircraft dual control pedals are normally located, and utilizes the existing attach points.

The foot rest/cargo holder accommodates the Eastern Aero Marine Basic EAM-5 life raft or any basic survival pack / item weighing up to 50 lbs, and within the cargo holder’s 8” L x 16” W dimensions and mesh fabric liner. It also includes a hold-down retention strap that aids in restraining items during turbulent flight conditions.

The footrest portion is designed to be wide enough for passengers wearing downhill ski boots and incorporates stops to prevent inadvertent damage to the aircraft’s chin bubble window.

The kit consists of the footrest/cargo holder assembly and all necessary attaching hardware. All support documentation is also included.

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**Bell 206 / 407 External Torque Gauge**

**AIRCRAFT**
- 206A, 206B
- 206L, 206L-1, 206L-3, 206L-4

**PART#**
- V206-180
- V206L-180

**STC APPROVAL**
- CANADA (TC)
- SH09-49
- SH09-49

**WEIGHT**
- 1.85 lbs

**PRICE**
- $1,150

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**Bell 206 Foot Rest / Cargo Holder Kit**

**AIRCRAFT**
- 206, 407

**PART#**
- V407-0836F

**STC APPROVAL**
- CANADA (TC)
- SH06-10

**WEIGHT**
- 8.1 lbs

**PRICE**
- $2,500
Bell 407 Vertical Reference Window (Right Hand Side)

**Benefits**

- Excellent visibility for long-line operations
- Fast, easy installation
- No change to operation of door
- No airspeed limitations

**Features**

The Bell 407 Vertical Reference Window (R/H) Installation provides the pilot with increased visibility relative to the side of the aircraft without opening any windows or doors. The vertical reference window attaches directly to the existing door, and is a direct replacement for the original Bell 407 window.

The window measures just over 14 inches deep at the apex, and has over 2 cubic feet of volume, providing ample room for the pilot to lean out for enhanced field of vision. Also, installation of the window doesn’t mean you need to sacrifice performance for visibility – simply put, there are no airspeed limitations with this window in place.

The kit consists of a window, retainers, and all necessary installation hardware. An optional foam and fabric plug for the cut-out at the bottom of the window is available on request. All support documentation is also included.

*Additional weight between original window and new window.*
Turbine Inlet Temperature Gauge Replacement

**Benefits**
- Easy installation
- Digital display constantly updates to provide accurate T5 temperature readings
- Readable in sunlight

**Features**
The Turbine Inlet Temperature (T-5) Gauge replacement substitutes the OEM indicators with new gauges manufactured by Diamond J Inc. and are installed in the same location as the original instruments.

The Diamond J turbine inlet temperature indicator combines an analogue needle with a digital readout. The analogue scale is expanded in the higher temperature range in order to provide improved readability. The digital readout provides one-degree resolution throughout the 0 to 999°C range, and updates a minimum of two times per second. The existing T-5 test button remains operational and when depressed, activates a self-test function in both indicators.

Gauges are available for S-61 aircraft equipped with either the GE CT58-140-1 or CT58-140-2 engines. When ordering, customers must specify the style of gauge required.

The kit includes two gauges and installation hardware. All support documentation is also included.
S-92 Vertical Reference Window (Left Hand Side)

**Benefits**
- Excellent visibility for long-line operations
- Easy installation
- No change to operation of co-pilot emergency exit

**Features**
The Vertical Reference Window installation provides the co-pilot with increased visibility relative to the side of the aircraft without opening windows. The window has been designed to attach directly to the original window frame, and it maintains all emergency characteristics of the original OEM window.

The kit consists of a vertical reference window, retainers, and all necessary installation hardware. All support documentation is included.

Contact VIHA Sales for additional information

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S-92 Sea Tray

**Benefits**
- Ideal for over-water SAR operations
- Easy installation
- Prevents corrosion of seat tracks and sub-floor structure

**Features**
If your operation provides over-water SAR operations, the Sea Tray is the ideal item to have in the aircraft cabin when rescuing casualties from marine environments. The rubberized tray prevents water from entering the cabin seat-tracks and under the cabin floor, where corrosion can result.

Once on the ground, the sea tray can easily be mopped out with a squeegee, or removed from the aircraft entirely for rinsing and cleaning.

VIH Aerospace offers two styles of sea tray for the S-92 aircraft:
- **P/N VS92-0608F-000C**
  - For use with the VIH Aerospace Auxiliary Fuel Tank installation
- **P/N VS92-0608F-000B**
  - For use with the VIH Aerospace Auxiliary Fuel Tank & SAR Console installations

Each kit consists of a sea tray assembly, non-skid matting and installation hardware. All support documentation is also included.

Contact VIHA Sales for additional information
S-92 SAR
Equipment Installation

Features

The SAR Equipment Installation provides search and rescue (SAR) operators with the tools to successfully track and locate casualties in times of distress. The installation combines the use of a gimbaled thermal imaging camera (FLIR Ultra 8500Xr-series), a high-intensity searchlight (NightSun II XP) and an operations console that provides the SAR operator with a station from which to perform their life-saving work.

As required, operators may choose to install either the thermal imaging camera or the searchlight as stand-alone systems:

- **FLIR installation**
  - Includes gimbaled thermal imaging camera, SAR console and controller

- **NightSun installation**
  - Includes the searchlight, junction box and controller (SAR console not required)

The SAR console comes equipped with an LCD display screen, communications suite, lamp, storage compartments for maps and other items, and a pull-out drawer that serves as a chart table. An optional adjustable SAR operator seat may be included, on request.

Each system comes with wire harnesses, mount assemblies for external equipment, and all necessary installation hardware. All support documentation is also included.
H135 Vertical Reference Window (Right Hand Side)

**BENEFITS**
- Excellent visibility for long-line operations
- Easy installation
- No change to operation of door
- No airspeed limitations

**FEATURES**
The Airbus H135 (EC135) Vertical Reference Window is designed to provide the pilot increased visibility relative to the side of the aircraft without opening or removing windows or doors. The new window attaches directly to the existing door, and is a direct replacement for the original window. The window measures just over 12 inches deep at the apex, providing ample room for the pilot for enhanced field of vision. Also, installation of the vertical reference window on your H135 doesn’t mean you need to sacrifice performance for visibility – simply put, there are no airspeed limitations with this window in place.

The kit consists of a H135 Vertical Reference window and all necessary installation hardware. All support documentation is included.

*Additional weight between original window and new window.*
Aircraft Supported:
MD500

**Main Rotor Blade Tie-Down Tips**

**Benefits**

- Easy to install
- Light weight
- Does not affect main rotor blade trailing edge trim tab

**Features**
The Main Rotor Blade Tie-Down Tips installation is designed to replace the existing tip cap covers in the end tips of the main rotor blades. This installation enables the operator to tie down each of the main rotor blades without affecting the position of the main rotor blade trailing edge trim tab.

Two different styles of tie-down tips are manufactured in order to accommodate the different types of main rotor blades used on the MD500/HC369D:

- **P/N V500-200-001**
  (used on MRB assemblies 369D21100-517, 369D21100-521, or 369D21100-523)

- **P/N V500-201-001**
  (used on MRB assemblies 369D21100-513, 369D21100-515, 369D21100-516, or 369D21100-519)

Each kit contains 5 tie-down tips, 5 tie-down assemblies, and a kit bag for storage of the tie-downs when not in use. All support documentation is also included. If a mixture of tie-down tips is required, please specify the part number and quantity of individual tips that are needed.
Your global MMRO specialists

Decades of experience has provided VIH Aerospace’s Engineering & Product Development teams with the knowledge & skills to provide customized MRO & manufacturing solutions that enable your helicopter to return to flying safely with minimum downtime.

VIH Aerospace specializes in manufacturing parts & assemblies as well as the production of kits to help improve the efficiency of your operations.

Is there a product that you require not currently in our catalog?
Contact Us – we will discuss your operational requirements & assist in developing the right product for you.

Phone 250.656.3987
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