

# BLACK HAWK UH-60 / HH-60 CAPABILITIES STATEMENT

**SAFETY & EFFICIENCY THROUGH ERGONOMIC SOLUTIONS** 

AVIATION MARINE RAILROAD HEAVY EQUIPMENT INDUSTRIAL



# **MAIN POINT OF CONTACT:**

Johnny Buscema

President & CEO 727.809.1146 Johnny@SAFE-2.com

# **COMPANY CONTACT:**

S.A.F.E. Structure Designs 10620 Southern Highlands Pkwy Ste 110 - 319 Las Vegas, NV 702.209.8811

# **BUSINESS INFORMATION:**

EIN: 81-2003648 DUNS: 080213821 CAGE CODE: 7LQA9

## **NAICS CODES:**

- 332114
- · 332312
- · 332322
- · 332420
- · 333921
- 333923
- 336412
- · 336413
- 336999
- · 811310

# **CREDENTIALS:**

- ISO 9001:2015 Certified
- GSA Contract Holder
- OSHA/AISC Quality Certified
- P/E (Professional Engineer)
   Certified

# **CUSTOM SAFETY DESIGN, ENGINEERING, & MANUFACTURING**

**ORGANIZATIONAL SUMMARY** S.A.F.E. Structure Designs is an ISO 9001:2015 Certfied global leader in the design, engineering and manufacturing of ergonomic safety-first maintenance stands, phase stands, fall protection platforms, hangar equipment, portable field equipment and specialty tooling. Our goal as an organization is to ensure functional work flows, safe access, and fall protection for maintenance technicians around the world, that's why our custom-line of "SAFETY-FIRST" products are OSHA/ANSI compliant, innovative, and solution-driven. S.A.F.E. Structure Designs can provide custom-built solutions for aviation, marine, railway, heavy equipment and various steel structures & equipment applications.

**DIFFERENTIATORS** S.A.F.E. Structure prides itself on providing high-quality ergonomic custom solutions for our customers. We are experts in developing innovative designs centered around safety and efficiency. Studies by technicians worldwide whom are using our products have shown a 75% increase in SAFETY and 50% increase in EFFICIENCY.

**WE HANDLE THE DESIGN COSTS** We work closely with our clients to ensure that all project requirements are met or exceeded. If we don't already offer what you're looking for, then our team will consult with you personally to create a design that meets your unique specifications at NO COST YOU!

Thats right - our team will design your vision on our dollar, so why not give us a try by inviting us out to your facility?

# WHAT'S SPECIAL ABOUT OUR SIKORSKY PRODUCTS? To inspire

the best products on the market, we looked to the pros for help. Our Black Hawk product line was first developed over a 3 year period by working directly alongside The United States Coast Guard Aviation Chief Warrant Officer James (Jimmy) Schwader. With 30 years of experience as the Engineering Maintenance Officer for the USCG fleet of MH-60s at the largest Coast Guard Air Station in Clearwater FL, Jimmy brought vast expertise in all aspects of safety and efficiency when working on the MH60. S,.A.F.,E. then began working with the Army for additional 2 year period in order to modify the platforms specific to the UH60 and HH60. S.A.F.E. was one of the first pioneers on the market to develop Black Hawk custom products which have now become the most ergonomic equipment available. Sikorsky Maintenance Training Center conducted studies that showed S.A.F.E. Structure Design's Black Hawk maintenance stands and hangar equipment increased their technicians efficiency by 50%, and increased their technicians SAFETY by 75%.

# **AWARDS & ACCOMPLISHMENTS**

- Manufactured Custom Hangar Equipment for the USCG Fleet of Sikorsky
   MH-60 Jayhawks in Clearwater, FL
- Outfitted the USCG Mobile, AL Sikorsky MH-60 Jayhawks
- Awarded U.S. Army contract to supply custom fall protection platforms
- and hangar equipment for their fleet of CH-47
- Outfitted Columbia Helicopter's CH-47/CH-46 Chinook
- Awarded U.S. Army contract to supply custom maintence stands and hangar equipment for fleet of Boeing Apache AH-64
- Outfitted Nassau County Police Department's Bell 429

We have a complete line of OSHA-compliant SAFETY FIRST ergonomic maintenance stand, hangar equipment and specialty tooling custom fit for the Black Hawk HH-60, UH-60 & MH-60.























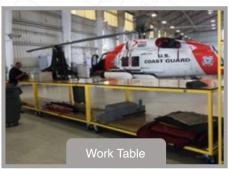






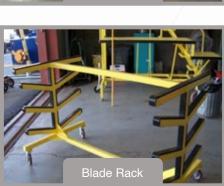














### OUR MAINTENANCE STANDS & FALL PROTECTION PLATFORMS INCLUDE THE FOLLOWING:



#### **Diamond Plate Anti-Fatigue Mats**

S.A.F.E. Structure Diamond Plate Anti-Fatigue Mats provide essential comfort to the mechanics feet, legs and back, resulting in enhanced productivity and lower levels of fatigue. The double-thick Nitricell sponge base is PVC loaded with NItrile rubber for exceptional comfort, rebound, and long life.

Designed for heavy-use areas, the high-tech, diamond plate surface resists abrasion and most chemical spills.



#### **FOD JUSTRITE 6-Gallon Oily Waste Can**

Dispost of oily and combustible FOD safely. This 6-gallon step on garbage can has a raided, ventilated bottom which allows air-flow to help prevent spontaneous combustion. Oily wast container includes self-closing foot operated lid and large folding carry hangle.

FOD container is made of heavy gauge galvanized steel and has a durable powder coat finish.



#### FOD Bag - Scaffold Hanging Style with Velcro Straps

A large heavy-duty vinyl padded "scaffold hanging-style" bag with FOD logo and velcro straps for safe and convenient disposal.

- Slotted Down Middle
- Velcro Top
- Holds Shape



#### **Plank Grating Traction Tread Steps**

All steps feature a non-skid, safety first traction tread to help protect your technicians from slip accidents.



#### **High-Precision Swivel Casters with Total Locking Brake System**

Depending on the application needs, we supply our customers with the best shock absorbing rubber and synthetic swivel caster options available. In addition, all of our maintenance stands and fall protection platforms come with stabilizing jack systems.





#### S.A.F.E. Structure Design's Platform Decks Also Include:

- A Rub Rail on the Leading Edge to Protect the Aircraft
- Adjustable & Removable OSHA Compliant Handrails & Kick Plates
- Tool Trays

# SAFE STRUCTURE COMPLETES CONTRACT FOR ERGONOMIC HANGAR EQUIPMENT OUTFITTING USCG FLEET OF SIKORSKY MH-60 JAYHAWKS

Press Release Date: April 11, 2017 - Vertical Magazine

SAFE Structure Designs, a global leader in the design, engineering and manufacturing of ergonomic safety first aircraft maintenance stands, fall protection platforms, hangar equipment, portable field equipment and specialty tooling, announced today that they successfully satisfied their contract to design, engineer and manufacture safety first ergonomic hangar equipment outfitting USCG Clearwater, FL fleet of Sikorsky MH-60 Jayhawks when performing both routine maintenance and complete overhauls on the MH-60 Jayhawk which can also be used on all models of the Black Hawk.



S.A.F.E. Structure Designs worked alongside the USCG maintenance crew in Clearwater, FL and gained critical feedback throughout the design and prototyping phase of the project.

S.A.F.E. Structure worked alongside the USCG MH-60 maintenance crew to evaluate the high cost, poor quality as well as product inefficiencies of their existing hangar equipment which was delivered by another manufacturer. S.A.F.E. Structure was able to cut costs for the USCG, as well as increase hangar space by developing a single, safety-first ergonomic unit that combines the parts rack, cowling rack, drive shaft rack and blade rack all-in-one. S.A.F.E. Structure also redesigned the USCG's basic work tables to have more durability at less of a cost. The USCG clearwater took delivery of the safety first all inclusive ergonomic system last week.

"SAFE Structure is dedicated to designing systems that promote mechanic safety and efficiency, while being cognizant of hangar space and storage functionality all within a cost effective budget for our customers," states Johnny Buscema, SAFE Structure President & CEO. "Having manufacturing facilities strategically set up around the USA, we even were able to hedge the USCG from wasting unnecessary funds on high shipping cost. Ergonomics is not only a value found in our products but it's also evident in our business model."



#### **Our Steps for 100% Customization Guarantees Satisfaction:**

- **Step 1:** We preform a site visit to measure aircraft.
- **Step 2:** We conduct research to find solutions that meet customer needs and expectations.
- **Step 3:** We provide design concepts to the customer.
- **Step 4:** We redesign concepts based off customer feed back / redlines.
- **Step 5:** We fully engineer the platforms using our in house licensed PE's.
- **Step 6:** We perform a site visit with our engineers to check the accuracy of the engineered drawings against the actual aircraft and gain customer feedback.
- **Step 7:** We finalize our engineered draws and begin manufacturing.
- **Step 8:** We commence manufacturing up to powder coating and final assembly stage.
- **Step 9:** We perform an onsite test fit to assure proper form, fit, and function.
- Step 10: We make any necessary modifications to the platform based on onsite test results.
- **Step 11:** We complete powder coat and final assembly of the platform.
- **Step 12:** We ship the final product to the customer.



#### To Whom It May Concern:

When searching for a company to outfit our MH-60T's in Mobile, Alabama, we immediately reached out to S.A.F.E. Structure Designs due to their exceptional reputation within the aviation industry. For my hangar deck, S.A.F.E. successfully designed, engineered, and manufactured a left and right engine/transmission/main rotor head stand, tail boom stand, tail rotor stand, work table, cowling, and a locking parts cage.

My Mobile, Alabama maintenance team completes over 62,500 maintenance labor hours a year and S.A.F.E.'s manufactured equipment has made a substantial impact concerning the safety and comfort for my workers on the hangar deck. My team has found the quality of the S.A.F.E. Structure team, their maintenance platforms, and hangar equipment to be topnotch. Furthermore, we are currently working with S.A.F.E. to design a check stand that will effectively provide our technicians better access to the fire suppression bottle on the MH-60T. S.A.F.E.'s extreme passion concerning safety, efficiency, and customer satisfaction is one of the many aspects that sets them apart from like companies. Their innovative attention to detail and seamless process is highly appreciated by my team. S.A.F.E. Structure Designs has proven they will go the extra mile to provide us with exactly what we need.

Scott Walton

MH-60T Maintenance Officer

Mobile, Alabama



#### To whom it may concern:

In my previous position as the Corrosion Prevention Advocate assigned to the Airworthiness Sustainment Branch located in the Aviation Logistics Command of the US Coast Guard, I had the opportunity to see firsthand the use of ground support equipment. And I saw the non-use of ground support equipment when that equipment did not meet the needs of the technicians.

Some of the equipment I observed was designed and supplied by SAFE Structure Designs.

I noticed that those stands were almost always in use, while some other stands, manufactured elsewhere, were not.

Having been an aircraft mechanic for 25 plus years before accepting my present position, I can attest to the accuracy of this statement: "If it doesn't work well, it will not get used". The fact that the equipment supplied by SAFE is used, confirms that they do indeed Work!

The willingness of the SAFE team to adapt, change, or otherwise alter their equipment to meet or exceed the needs of their customer is testimony to the end result of that equipment being used by the technicians.

In my personal opinion, the quality of the finished equipment, when coupled with SAFE's willingness to build exactly what is requested, results in one of the best, dollar for dollar, maintenance investments a company could make.

#### Respectfully;

James Valky. USCG AM1 retired, formally assigned to ASB, USCG. jimvalky@gmail.com



# A BRIEF WORD FROM JOHNNY BUSCEMA, OUR PRESIDENT & CEO:

"The key to our success has always been our ability to manufacture the highest quality and most ergonomic products available on the market. This process alone is what our customers value the most, and it has been crucial to the success of a company of this magnitude."

"I am so fortunate that Christ has afforded me the vision, skill set, and business acumen to successfully assemble and work with such a superior group of specialized team members. Our future is bright, and we welcome any and all challenges that drive us to exceed our client's expectations and enable us to be the best at what we do."

# **MEET THE S.A.F.E. STRUCTURE DESIGNS TEAM:**



JOHNNY BUSCEMA
President & CEO
Johnny@SAFE-2.com



JIM SCHWADER
Military Operations
Account Manager



JON ZIEGLER Senior Engineer



DONOVAN JUWANO
Lean Manufacturing
& Quality Control



CHARLENE CARABEO
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Logistics Manager



FULVIA SANTONI
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