



Successful development FOG  
Heliwagon for Erasmus Medical Center  
Milestone for Aircraft Arresting System

**September 2020**

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Dear NEDAERO relation,

In this regular Newsletter we will keep you updated on our aerospace related products and service developments.

## Personal word from Ruud Kleinendorst, CEO



Dear relation,

It has been a few months now since COVID-19 entered our world and spread-out around the globe. Unfortunately we all have seen the impact that it has on families, businesses and in particular the aviation industry.

Still we have to face the fact that aviation activities are still way far off from the level it was before the COVID-19 crisis began.

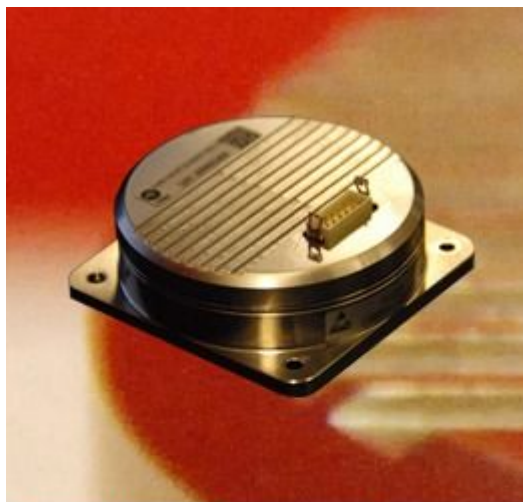
Although we also feel the change in the industry at NEDAERO, we can also share some successes with you. In this newsletter you can read about it.

We are happy and proud that we can keep playing our role in the aerospace field and help you in your aerospace component and part business. Our specialists in our in-house workshop as well as the ones who deal with your parts from our warehouse are fully dedicated to do their utmost for you.

Again I want to express my thanks to all of you who continue to support us. Together we hold confidence and work hard to keep airplanes and helicopters airborne and stay positive during this challenging time.

We all hope you and your families stay safe and stay well.

Ruud Kleinendorst



	Bias Stability	Scale Factor Room temp.	Noise, Angle Random Walk
FOG60	$\leq 1 \text{ }^\circ/\text{hr}$	$(-24 \pm 2) \text{ mV}/^\circ/\text{sec}$	$\leq 6 \text{ }^\circ/\text{hr} / \sqrt{\text{Hz}}$ (0.1 $^\circ/\sqrt{\text{hr}}$ )
FOG70	$\leq 0.5 \text{ }^\circ/\text{hr}$	$(-24 \pm 2) \text{ mV}/^\circ/\text{sec}$	$\leq 6 \text{ }^\circ/\text{hr} / \sqrt{\text{Hz}}$ (0.05 $^\circ/\sqrt{\text{hr}}$ )
FOG80N	$\leq 0.2 \text{ }^\circ/\text{hr}$	$(-28 \pm 2) \text{ mV}/^\circ/\text{sec}$	$\leq 6 \text{ }^\circ/\text{hr} / \sqrt{\text{Hz}}$ (0.03 $^\circ/\sqrt{\text{hr}}$ )

ITAR-free

## Successful development of High Performance FOG80N

Our FOG-team is proud to announce that development of a High Performance Fiber Optic Gyro has been successfully completed. A new design has led to FOG70 and FOG80N, whereby FOG80N has a Stability@Room Temperature of  $\leq 0.2 \text{ }^\circ/\text{hr}$ . With this accuracy the FOG80N is suitable for high end stabilization and navigation solutions, which is often found in military applications. Another key feature is that the design is ITAR free.

At NEDAERO we are continuously striving to improve our products and innovative solutions.

NEDAERO now has a family of 3 FOGs with all unique specifications. The (absolute) Scale-factor, Angle Random Walk and Bias Stability all have been improved. All models are available and ready for delivery from stock.

For the near future (2021) we are working on the development of an IMU (Inertial Measurement Unit).

In the meantime you can find detailed information about our FOG-family and the datasheets at our website:

[Read more](#)

## New Heliwagon for Dutch Erasmus Medical Center

The Erasmus MC in Rotterdam is proud owner of a brand new Heliwagon. This helicopter landing platform, based at Rotterdam Airport, is used by the ANWB helicopter to transport the Mobile Medical Team to emergency rescue situations.

Marco van den Berg, Chiefpilot Lifeliner 2 is a satisfied user of the Heliwagon. "Since we use the Heliwagon, we need less time to get airborne. We use our trauma helicopter when an emergency situation occurs and medical assistance is needed swiftly. Often the medical staff has just minutes to save a life, so we need to take off asap. With the remote controller I can easily manoeuvre the landing platform out of the hangar, after which the helicopter can take off immediately. During bad weather conditions we prefer to park the helicopter in the hangar. With this platform it takes less than a minute to tow the heavy helicopter out of a hangar. NEDAERO, distributor of the Heliwagon performed very well and we are really content with the support and service of NEDAERO to date."

The Heliwagon is engineered to provide an extremely stable and safe landing platform for light to mid sized skid helicopters. Industrial grade casters and drive wheels are designed to comfortably traverse minor changes in grade and clear low obstacles. The deck surfaces are coated with thick, tough, durable and nonskid polyurethane liner that is resistance to fuels, hydraulic fluids and other caustic chemicals.

Interested in a Heliwagon but want to try out first? That is possible! Please contact our [Customer Support Team](#) for more information.

[Read more](#)

## Milestone Aircraft Arresting System

In a previous newsletter we informed you that NEDAERO has been selected by the Dutch Ministry of Defence for the delivery of the Aircraft Arresting systems (AAS) and implementation at the Dutch military airbases.

Last month we enjoyed a historic moment when the construction started at the first airbase Gilze-Rijen. With the sinking of the first pole the kick-off of this 5-years project is a fact. In consecutive years installation of AAS-systems at airbases Volkel, Woensdrecht, Leeuwarden and Eindhoven will follow.

These new Aircraft Arresting Systems are the replacement of the old water twister systems which date back to 1985. The new system highly contributes to the safety and is fully suitable for the latest NATO fighter aircraft, including the just implemented F-35.

NEDAERO as main contractor of the project is distributor for SAFRAN-USA, world-wide market leader and manufacturer of the new Aircraft Arresting System (AAS).

## Our staff is there to assist you

Please contact one of our Customer Support Offices to help you with your fixed and/or rotary enquiries.

Repair enquiries: +31 316 592 100 - [repair@nedaero.com](mailto:repair@nedaero.com)

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Defense enquiries: +31 172 796 550 - [milaviation@nedaero.com](mailto:milaviation@nedaero.com)



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