

HP Hydraulic Hand Pump

Our **High Pressure Hydraulic Hand Pump P/N 3165-000C** features a 1.3 gallon (5 liter) aluminum tank and is used to efficiently fill a hydraulic circuit with fluid filtered to 5 microns, and also to increase the pressure of this fluid up to 5,000 PSI (345 BAR), all with minimum pollution emission. The high pressure oil outlet is equipped with a female quick coupling that connects to a hose which then connects to a TG6000X. No tools are necessary for any of these connections. The tank inlet includes a filter that can be sealed with a leak proof plug, convenient for the transportation of the unit. The hydraulic pump is supplied with a lever that can be dismantled.



NSN 4930-01-528-3035

HP Hydraulic Pump Kit

3165-000C-1	MIL-H-83282/5606
3165-001C-1	Skydrol

Hydraulic Power Unit

The **Hydraulic Power Unit P/N 1008-002-1** was originally designed at Aerospatiale's request to replace the hydraulic generator of a helicopter when its engines are turned off. It functions as an alternative power source to adjust settings during periodical controls such as: checking retractable landing gear, adjusting automatic pilot, among other operations.

The unit is equipped with a pressure regulator to precisely adjust settings between 0-3,000 PSI (0-207 BAR). An HP external filter has also been added to the power unit for outmost endurance.

A quick coupling is built-in for rapid and convenient connections to a Digital TG6000X. It is delivered ready-to-use with its set of accessories including High and Low pressure hoses, and adapters and is equipped with a brake system, detachable towing handle and 4 anti-corrosion, wheels.



NSN 4320-01-528-1218

Nitrogen Booster

The **Nitrogen Booster P/N 1094-001C** is a device used to "boost" the output of partially filled nitrogen tanks to as much as 4,000 PSI (276 BAR) without an external power source. The P/N 1094-001C only requires that the partially filled tank possess a minimum pressure of 533 PSI (37 BAR). Note that the booster's factory preset output is 3,200 PSI (221 BAR).



NSN 4920-01-528-1824

Ground Handling Twin Wheels

Compatible with Eurocopter AS350/EC130, AS355 Eurocopter P/N 355A91004101

Efficient and reliable, the "Diabolo" twin-wheel unit P/N 2023-00 is easy enough to be handled by a single person or in a hangar and attaches itself effortlessly onto the helicopter's skid. Its hydraulic system is designed to allow the lifting and shifting of helicopters equipped with a skid landing gear consisting of a total maximum weight of 2.1 tons (1,950 kg) without strenuous effort. Its dimensions and light weight make the unit portable and easy to carry in the trunk when necessary.



Accessories

Our complete line of accessories are made in-house using only the highest quality in raw materials. We offer a wide range of hoses, swivel connectors, nitrogen tank adapters, valves, pressure regulating components and everything in between. In addition we are fully capable of customizing each order per request. (Such as lengths, fittings, pressure ranges, etc.)

A broad selection of hoses are available from High Pressure Nitrogen and Oil (MIL-H-3232/5606 and Skydrol), to low pressure purge hoses, all equipped with a variety of fittings.



P/N 3251-100A



P/N 3311-000



P/N 3135-500



P/N 1072-801

About Us



*Pilot, Engineer, Inventor and Original Founder:
M. Fernandez*

Florida Aeronautics Inc. is an original equipment manufacturer (OEM) of aircraft ground support equipment (GSE). We specialize in hydraulic, pneumatic, and oleo-pneumatic systems intended to service all types of civil, commercial and military aircraft. Florida Aeronautics pioneered many of the maintenance equipment technologies used throughout the aviation industry. The company was originally founded in Cannes, France in 1974 as Société d'Etudes et de Fabrications Aéronautiques (SEFA). Under SEFA, we began designing various air/hydraulic tool kits, helicopter skis, ground handling wheels, among other components, all of which have been endorsed by Eurocopter Marignane, ATR and Dassault. We continue to perform extensive research and analysis on our products to ensure continued excellence, and we maintain very competitive pricing for such advanced technology. Our headquarters moved to the United States in 1996 in order to provide faster, more affordable service to our global clients and partners.

Most importantly, Florida Aeronautics is able to customize maintenance units to your specific requirements, and we provide satisfactory warranty coverage and technical support on all of our products. Our products allow you to service your aircrafts thoroughly, resulting in their long lasting and satisfactory performance, and we continue to supply spares and repair components from our former S.E.F.A. tool kits and skis.

For more information on our product listings, feel free to contact us at:

**Tel: 954-970-7814 Fax: 954-970-5205 Email: info@florida-aeronautics.com
Address: 4100 North Powerline Road, Suite A4 - Pompano Beach, Florida 33073 USA**



PRODUCT LINE

www.Florida-Aeronautics.com

TG6000X

For over a decade, our TG6000 Series has exhibited unrivaled performance by assuring four crucial advantages to aircraft maintenance technicians:

- Safety
- Quality
- Simplicity
- Precision



The TG6000X replaces the following components traditionally required to complete daily maintenance tasks up to 6,300 PSI (435 BAR), thus reducing costs, clutter, connections, and leaks.

- Pressure Regulator
- 3-way Control Valve
- Pressure Gauge (0-6,300 PSI)
- Pressure Gauge Connectors
- Purge Valve

This multifunctional device incorporates years of research, experience in the industry and our most advanced technical designs. It is the only all-in-one instrument on the market capable of completing a variety of hydraulic, pneumatic, and oleo-pneumatic aircraft maintenance operations on all types of airplanes, helicopters, and military utilities.

With a 3 year guarantee, the TG6000X is a Patented, Robust and Revolutionary maintenance solution that provides long-term service and reliability.



TG6000X	
P/N 3324-500	Nitrogen and MIL-H-83282/5606
P/N 3324-501	Nitrogen and Skydrol
TG60X	(Pressurization and Tire Inflation Operations)
P/N 3324-600	Nitrogen Only. Factory pre-set at 0-870 PSI (0-60 BAR)

Digital Pressure Terminal Kit
P/N 3324-500-1

Digital Pressure Gauge

A great addition to any aircraft mechanic's set of tools is our Digital Pressure Gauge P/N 3324-700 which has a accuracy of (+/-) .5% on the full scale and maximum utilization pressure of 6,300 PSI (435 BAR). Now available in durable Pelican case.



P/N 3324-700

Digital Pressure Gauge	Kit Includes spare battery
P/N 3324-700-1	Nitrogen and MIL-H-83282/5606
P/N 3324-701-1	Nitrogen and Skydrol

Digital Tool Kit Series

Since 1974, we have specialized in the design and manufacture of customized tool kits for all types of commercial and military aircraft. Our series of kits have evolved over the years, and the more integrated design of the TG6000X eliminates many cumbersome parts in newer kits. The result is a lighter, more transportable, and reliable kit that requires very little training to use. In order to protect these state-of-the-art kits, we introduced Pelican brand durable casings in 2014. These casings are ergonomic, watertight, crushproof and larger versions feature wheels and retractable handles for ease of transport and storage. The high quality and durability of these new casings guarantees the protection and longevity of the valuable products inside.



Move from aircraft to aircraft easily with the new Pelican case

Our tool kits are compatible with all major aircraft:

- AIRBUS • ATR • BELL • BOEING • BOMBARDIER • CRJ
DASSAULT • EMBRAER • EUROCOPTER • GULSTREAM
MCDONNELL-DOUGLAS • SIKORSKY and more!**

Digital NATO Air/Hydraulic Tool Kit

For Civil and Commercial:

P/N 500V000D NSN 5180-01-472-6872	Nitrogen and MIL-H-83282/5606
P/N 500V001D NSN 5180-01-463-2965	Nitrogen and Skydrol

For Military:

P/N 3174-100A NSN 5180-01-469-6741	Nitrogen and MIL-H-83282/5606
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P/N 365V000B

EUROCOPTER Series	
P/N 350V000A NSN 4920-01-528-3096	AS350/EC130, AS355
P/N 365V000B NSN 4920-01-HS1-8804	AS365/EC155/HH65, AS350/EC130, AS355, EC135, EC145
P/N 332V000C NSN 5180-01-528-3055	AS532./AS332, AS365/EC155/HH65, SA330, AS355, AS350/EC130, EC145, EC135, EC120
Pressurization Kits	Compatible with all types of aircraft
P/N 3322-000	Includes TG60X. Compatible: Nitrogen Only
P/N 3333-100	Nitrogen and MIL-H-83282/5606

ATR Series	Complete Kits servicing ATR42 and ATR72
P/N ATR42V000A	Nitrogen and Skydrol
P/N ATR42V100A	Nitrogen & MIL-H-83282/5606
P/N ATR42V200	Greasing Kit



P/N ATR42V100A



Lightweight and easy to carry

AIRBUS Series	Specifically designed for Airbus models
P/N 3317-000	Airbus P/N 98000D320000006000
P/N 3318-001	Airbus P/N 98000D320000007000
P/N 3319-000	Airbus P/N 98000A32001016000
P/N 3321-001A	Airbus P/N 98L32401000000CDC-A0

The **Digital Pressurization Tool Kit P/N 3333-100** includes a Nitrogen Booster P/N 1094-001C, a Digital TG6000X P/N 3324-500 and a full set of accessories necessary to complete pressurizations and other operations. Move from aircraft to aircraft easily with the new Pelican case TG6000X Nitrogen Booster. This booster and TG6000X kit combination is practical, economic and excellent for military aircraft requiring very high pressures.



P/N 3333-100