



SKYRANGER  
**NYNJJA**



[www.flylight.co.uk](http://www.flylight.co.uk)



SKYRANGER  
**SWIFT II**

# Welcome to the Skyranger family of aircraft the **Swift2, Nynja and Nynja LS.**

**It all started with the Skyranger** - which quickly became the UK's best selling Fixedwing microlight aircraft earning a reputation for great value for money, performance and handling. Then came the Swift model with shorter 'speed wing' and greater refinement of finish and options. The Swift was complemented by the introduction of the Nynja as the flagship of the range with a new fuselage encased in a smooth composite skin with enhanced aerodynamic qualities and performance.

## **Construction:**

The Swift2 and Nynja share the same basic structural philosophy - simplicity, robustness and ease of build and repair. The underlying structure is self jiggling using aerospace aluminium alloy tubing in a patented geometry. Using straight tubes with bolted connections results in rapid assembly, low cost of individual parts and should the worse happen it is easy to identify and replace damaged parts.

Wings are covered in pre made fabric envelopes which simply slip over the framework and are given shape with rib inserts and integral tensioning mechanism. This results in excellent aerodynamic properties and enables rapid dismantling for deep inspection or repair. This represents enormous practical advantages over traditional aircraft using glued and painted fabric covering.

The Swift2 fuselage is also covered using the same pre made fabric envelope system, enjoying the same advantages.

The Nynja uses pre made composite mouldings to enclose the fuselage structure. Deliberately non structural they clothe the structure in an advantageous aerodynamic and stylish form. They can be easily removed thereby retaining the practicality inherent in the Skyranger philosophy.

A one person wing-fold system is available as an option for all models.

## **Comfort and performance:**

The cockpits are roomy and seats comfortable. Due to high wing layout and low door sill height, entry and exit couldn't be easier. Baggage can be stored in the generously sized Baggage area.

Large glazed areas allow unparalleled in-flight visibility. Fitted with the class leading Rotax 900 series engines (80 and 100hp variants available) the takeoff distance is very short ( under 100M ground roll) and climb is strong at around 1000feet per minute, making these aircraft very suitable for short field operation. Cruise can be set depending on mission and fuel burn, with fast cruising at over 100MPH well within their capability.

Nimble handling is assured due to generous sized control surfaces and careful design. Easy to fly and suitable for novice pilots the Skyranger family are popular flying school aircraft around the world. But their excellent blend of all round performance and versatility has lead them to be a favourite with competition pilots too, and they have 6 FAI world championship wins to their credit.

A favourite for touring and exploring the world from the air, UK Skyranger pilots have flown all over Europe and beyond.

## **Safety:**

Safety is assured with easy handling and gentle slow flight and stalling characteristics together with a strong structure with good occupant protection. An optional total recovery parachute system is available for that extra assurance against the unexpected.

## **Skyranger Swift2:**

The latest evolution of the Skyranger Swift model the Swift2 has been re- engineered and re- styled to bring it bang up to date and continue to be the best value Fixedwing microlight on the market.

Lighter than its predecessors due to refinement of design, the Swift 2 has the greatest payload capability in its class. With great looks, performance and capability in its standard form, the Swift2 also has a range of optional equipment allowing it to be customised to taste. Most of these options can be retrofitted, allowing the specification to be built up over time as budget allows.

## **Skyranger Nynja and Nynja LS**

Flagship of the range, the Nynja has a greater use of composites to enhance style and optimise aerodynamics to release more performance. It benefits from even better visibility thanks to its rear window area. As befits the flagship, the Nynja is standard with a range of equipment that are options on the Swift2.

**The Nynja LS (Light Sport)** Is aimed at pilots with a PPL license. This then allows an increase in max takeoff weight to 500Kg giving greater payload capability, but retaining its excellent STOL performance and economy. Standard equipment with the LS model includes a different main gear and Beringer wheels and brakes, along with a number of other detail differences. Empty weight remains low enough for it to be operated in the Microlight category if desired. Just a registration change is required to specify which.

## **The Build:**

Support in the UK is provided by Flylight Airports based at Sywell Aerodrome. With 15 years experience of Skyranger aircraft and over 250 successful UK kit completions, you can expect expert product knowledge and the best support in the business. Flylight also holds a big stock of spares for fast dispatch.

Supplied as fast build kits in the UK, everything needed to build a flyable aircraft is included in the box. The build is overseen by the British Microlight Aircraft Association, and under the watchful eye of your local BMAA inspector and with the assistance of Flylight's support, everything is in place to assure a simple pleasurable and educational build project, leading to enjoying a great flying aircraft.

[www.flylight.co.uk](http://www.flylight.co.uk)



# Skyranger Nynja Order form

**Airframe Kit :** Includes all airframe components, Cowlings, Fuselage composite fairings, Engine mount, Binnacle instrument panel and centre console, Floor, Hydraulic disc brakes, One piece doors, Pitch trim, Aerofoil section Jury struts, Remote fuel filler and large balance pipe kit, composite seats, and seat covers in choice of colours, winglet type wingtip fairings, Tinted glazing, Baggage Hammock, wing strut end fairings, wing root and cable exit fairings, Dacron coverings in choice of colours, all required UK modifications and extras Delivery to UK (Sywell).

Available in Microlight version – Nynja M, or LS version which can also be registered in the light aircraft category with Max takeoff weight of 500kg. LS version comes with different main landing gear, Beringer main wheels and brakes as standard, Stainless steel firewall, backup electric fuel pump and various other detail changes.

**Nynja M**      **£16800.00**      **£20160 .00 inc VAT**

**Nynja LS**      **£18700.00**      **£22440.00 inc VAT**

**Rotax 912 UL 80HP:** Includes Oil reservoir, Oil Cooler, Water radiator, Overflow Bottle, Rectifier Regulator, Air Filters and Nynja stainless steel exhaust System.

**£13005.00**      **£15606.00 inc VAT**

**Rotax 912ULS 100HP:** Includes Oil reservoir, Oil Cooler, Water radiator, Overflow Bottle, Rectifier Regulator, Air Filters and Nynja stainless steel exhaust System.

**£15230.00**      **£18276.00 inc VAT**

**Prop and spinner:** Kievprop composite three blade, with inlaid brass leading edge protection, spacer and securing bolts, Spinner and backplate.

**£ 890.00**      **£ 1068.00 inc VAT**

**Engine installation kit:** Includes throttle and choke systems, fuel system, water hoses, wiring loom, battery box and battery (odyssey PC310), radiator and oil cooler brackets etc

**£ 550.00**      **£ 660.00 inc VAT**

**Instrument pack:** Analogue gauges – ASI, ALT, VSI, Comp, Slip, RPM, Oil T, Oil P, CHT, Volts, VDO oil press sender, screws and ASI connector. Various EFIS units can be fitted in place of this option.

**£ 900.00**      **£ 1080.00 inc VAT**

**Options:**

|  |           |                   |                          |
|--|-----------|-------------------|--------------------------|
| Xlam wing and tail Coverings.....                                | £ 500.00  | £ 600.00 inc VAT  | <input type="checkbox"/> |
| 2 Piece Doors.....   | £ 200.00  | £ 240.00 inc VAT  | <input type="checkbox"/> |
| Cabin Heat.....  | £ 225.32  | £ 270.38 inc VAT  | <input type="checkbox"/> |
| Carburettor Heat.....  | £ 165.95  | £ 199.14 inc VAT  | <input type="checkbox"/> |
| Prop Covers.....   | £ 40.00   | £ 48.00 inc VAT   | <input type="checkbox"/> |
| Wheel spats (Standard or new Teardrop type).....                 | £ 350.00  | £ 420.00 inc VAT  | <input type="checkbox"/> |
| Wing fold Kit.....   | £ 600.00  | £ 720.00 inc VAT  | <input type="checkbox"/> |
| Lithium battery upgrade (saves 1.6Kg).....                       | £ 100.00  | £ 120.00 inc VAT  | <input type="checkbox"/> |
| Carpet Set- tailored cabin carpets.....                          | £ 200.00  | £ 240.00 inc VAT  | <input type="checkbox"/> |
| Cabin rear thermal screen.....                                   | £ 150.00  | £ 162.00 inc VAT  | <input type="checkbox"/> |
| Beringer main wheels and braking system option for M version ... | £ 1140.00 | £ 1368.00 inc VAT | <input type="checkbox"/> |
| Beringer nose wheel kit option (M and LS version).....           | £ 270.00  | £ 324.00 inc VAT  | <input type="checkbox"/> |

**Seat covers and map pockets colour choice:** Red , Grey , Blue , Black

|   |  |
|---|--|
| Total Amount.....£  |  |
| 30% Deposit (to be paid on order).....£                         |  |
| Balance of payment (to be paid 2 weeks prior to delivery).....£ |  |

Customer Details: Name

Address

Email  Tel Numbers

I have read and agree to be bound by Flylight Airsports terms and conditions (Version 1.1)

**Signed and dated:**

# Skyranger Swift Mk2

The Swift Mk 2 is a development of the Swift adding several features from the development of the Skyranger Nynja. Principle differences are redesigned vertical tail, front door pillars moved forwards allowing for greater glazed area, and improved fit of windscreen around wing leading edge, restyled front cowlings, internal main gear drag reaction braces, binnacle instrument panel, improved throttle lever system, improved fit and seal of doors, and a host of other small detail improvements. Several other Nynja features are also available as options such as composite seats and winglet type tip fairings. One aim of the project was also to lighten where possible. The standard exhaust is now common with the Nynja and saves 1.5Kg. Also available as an option is a 'light pack', saving a further 3.5Kg, consisting of higher spec odyssey PC310 battery, Nynja spec front gear leg and main cross tube, which uses higher spec steel and saves weight without any strength loss.

**Airframe Kit :** Includes all airframe components, Cowlings, Engine mount, Binnacle instrument panel and centre console, Floor, wing root fairings, all required UK modifications and extras, Hydraulic disc brakes, One piece doors, Pitch trim, Dacron coverings in choice of colours, Delivery to UK (Sywell) **£12800.00    £15360.00 inc VAT**

**Rotax 912 UL 80HP:** Includes Oil reservoir, Oil Cooler, Water radiator, Overflow Bottle, Rectifier Regulator, Air Filters and Swift 2 Stainless Steel Exhaust System. **£13005.00    £15606.00 inc VAT**

**Rotax 912ULS 100HP:** Includes Oil reservoir, Oil Cooler, Water radiator, Overflow Bottle, Rectifier Regulator, Air Filters and Swift 2 Stainless Steel Exhaust System. **£15230.00    £18276.00 inc VAT**

**Prop and spinner:** Kievprop composite three blade, with inlaid brass leading edge protection, spacer and securing bolts, Spinner and backplate. **£ 890.00    £ 1068.00 inc VAT**

**Engine installation kit:** Includes throttle and choke systems, fuel system, water hoses, wiring loom, battery box and battery (YTX12 equiv), radiator and oil cooler brackets etc **£ 520.00    £ 624.00 inc VAT**

**Instrument pack:** Analogue gauges - ASI, ALT, VSI, Comp, Slip, RPM, Oil T, Oil P, Coolant T, Volts. **£ 900.00    £ 1080.00 inc VAT**

## Options:

|   |           |                   |                          |
|---|-----------|-------------------|--------------------------|
| Xlam wing, tail and fuselage Coverings.....         | £ 950.00  | £ 1140.00 inc VAT | <input type="checkbox"/> |
| 2 Piece Doors.....                                  | £ 200.00  | £ 240.00 inc VAT  | <input type="checkbox"/> |
| Cabin Heat.....                                     | £ 225.32  | £ 270.38 inc VAT  | <input type="checkbox"/> |
| Carburettor Heat.....                               | £ 165.95  | £ 199.14 inc VAT  | <input type="checkbox"/> |
| Prop Covers.....                                    | £ 40.00   | £ 48.00 inc VAT   | <input type="checkbox"/> |
| Luggage Hammock.....                                | £ 100.00  | £ 120.00 inc VAT  | <input type="checkbox"/> |
| Tinted glazing.....                                 | £ 100.00  | £ 120.00 inc VAT  | <input type="checkbox"/> |
| Wheel spats (Standard or new Teardrop type).....    | £ 350.00  | £ 420.00 inc VAT  | <input type="checkbox"/> |
| Wing fold Kit.....                                  | £ 600.00  | £ 660.00 inc VAT  | <input type="checkbox"/> |
| Wing tip fairings standard.....                     | £ 160.00  | £ 192.00 inc VAT  | <input type="checkbox"/> |
| Wingtip fairings winglet type.....                  | £ 375.00  | £ 450.00 inc VAT  | <input type="checkbox"/> |
| Strut end fairings.....                             | £ 70.00   | £ 84.00 inc VAT   | <input type="checkbox"/> |
| Composite seats and covers.....                     | £ 500.00  | £ 600.00 inc VAT  | <input type="checkbox"/> |
| Remote Fuel filler and large balance pipe kit.....  | £ 150.00  | £ 180.00 inc VAT  | <input type="checkbox"/> |
| Carpet Set- tailored cabin carpets.....             | £ 200.00  | £ 240.00 inc VAT  | <input type="checkbox"/> |
| Cabin rear thermal screen.....                      | £ 135.00  | £ 162.00 inc VAT  | <input type="checkbox"/> |
| Beringer main wheels and braking system option..... | £ 1140.00 | £ 1368.00 inc VAT | <input type="checkbox"/> |
| Beringer nose wheel kit option.....                 | £ 270.00  | £ 324.00 inc VAT  | <input type="checkbox"/> |

|  |                      |
|--|----------------------|
| <b>Total Amount.....£</b>  | <input type="text"/> |
| <b>30% Deposit (to be paid on order).....£</b>                         | <input type="text"/> |
| <b>Balance of payment (to be paid 2 weeks prior to delivery).....£</b> | <input type="text"/> |

Customer Details: Name

Address

Email  Tel Numbers

I have read and agree to be bound by Flyflight Airsports terms and conditions (Version 1.1)

**Signed and dated:**

**Prices:**

Prices can be subject to change at any time up to placement of order. Once order is placed and acknowledged the acknowledged price will be held firm. All prices are ex works form Sywell Aerodrome.

**Payment terms:**

A 30% deposit will be required with the order. Payment for the kit parts in full will become due within two weeks of the dispatch date alert from the overseas factory. Final payment request will then be made and payment should be made within 7 days. The company shall charge interest on overdue payments of 5% above bank rate.

**Delivery date:**

On receipt of order a delivery estimate will be given. The company will use its best endeavors to meet estimated delivery dates. However should suppliers for the company not deliver necessary materials / components on time, or other circumstances beyond the control of the company occur to delay delivery of the product, then the company cannot be held liable for any form damages or return of deposits held. Deposits may be refunded on request if delivery date is greater than 6 weeks beyond the written estimate.

**Warranty of quality:**

The company warrants that parts and components shall be free from defects in workmanship or materials that render them not fit for purpose or outside of the design UK approval status. In the event that any parts are defective, within 1 year the company shall repair or replace same. Engines have specific warranty conditions as specified by the engine manufacturer. Specific requirements for warranty registration of engines is the responsibility of the purchaser. The engine manufacturer's procedures for report and settlement of warranty must be followed by the purchaser. Except as herein stated the company shall not be liable for any damages or for the breach of any warranty, express or implied, or for any further obligation or liability on account of the products covered by this agreement. Because of the homebuilt status of the aircraft, no labour is covered by this warranty.

**Warning:**

This product is certified by the UK CAA as a 51% Amateur Built Aircraft under a scheme administered by the British Microlight Aircraft Association. As such the builder, not the company is deemed by UK law as the manufacturer of the finished aircraft, and as such must take full responsibility for the construction and safety of the aircraft. Every customer purchasing this aircraft or components, whether directly or indirectly from the company is warned that flying amateur built aircraft is not as controlled an activity as other forms of certified or commercial aviation. As a result parts are manufactured from commercially available materials and components, some of which are not specifically designed for aviation use. Bearing in mind the above every purchaser must ensure they fully inspect every purchased item on delivery, and before each flight thereafter and they must make themselves aware of all trends and changes which may make a particular item unsuitable for the use it was initially purchased. They must also satisfy themselves that a purchased item is suitable for the use to which they intend to employ it. The company can offer advice, but the final responsibility for the use of goods purchased rests solely with the purchaser (whether direct or indirect) or other user who employs such goods at his own risk. The warning applies to every part. Item or service offered by the company and acceptance of, or payment for goods is an implicit acceptance of this warning.

