



Sling
AIRCRAFT

Sling TS1 Ready-to-Fly

TAF
THE AIRPLANE FACTORY

In Ready-to-Fly form, the Sling TS1 has the following equipment as standard:

Rotax 915 iS (135 hp) turbo engine
Airmaster 3 blade constant speed composite propellor with nickel leading edge for 915
New Sling 4 speed wing
Sling 4 constructed from CNC punched aircraft grade aluminium
Flush riveted forward fuselage and leading edge wings and horizontal stabilizer
Anodised main spars, all aluminium parts Alodined and all components are primed for corrosion protection
Front gear, engine mount and pedals made from 4130 steel
Robust main gear from uni and biax glass fibre & aircraft grade epoxy
Robust coil spring with needle roller bearings on front gear
175 Litre (46 US gal) wet fuel tanks in wings
Large electrically operated slotted flaps
Ailerons and elevator use pushrod controls with bearings
All control surfaces swivel on ball bearings
Inspection hatches at all junctions and inspection points
Full dual controls - sticks, pedals, throttle and brakes
Matco axles, wheels and powerful hydraulic disc brakes with park brake
5" front wheel and 6" main wheels with 6 ply aviation tyres all round
Composite wheel spats on all 3 wheels
1115 mm (44") wide cockpit
Fixed windscreen, roll-over protection bar and lockable gullwing doors
Electrically operated elevator trim tab
RAC stick grip with PTT and elevator trim operation buttons on LH seat stick
RAC stick grip with ptt button on RH seat stick
Circuit breakers in the instrument panel
Adjustable front seats - both base and back
Adjustable pedals
Leather upholstery (seats, map pockets and stick boots) and leatherette interior side panels - front seats Blue Condor Foam
Centre console with padded armrest and small storage hatch
Large 0.35 m³ (12 ft³) baggage compartment
Ballistic parachute fitted as standard
Cabin heater
Stainless steel exhaust
Direct cool air into composite airbox with large K & N air filter
Oil cooler and radiator for hot and cold operation
In line oil thermostat
Standard with 2 electric fuel pumps
Polished aluminium prop spinner
Composite wingtips, wing and tail fairings, nose fairing, instrument panel top,

Aviation keyed master, mags, start switch
 Garmin G3X EFIS multifunction touch screen primary instrument which also displays:
 EGT, CHT, oil temp, oil press, rpm, fuel level, fuel flow, manifold press,
 Garmin G5 EFIS backup instrument & standard cowl mount compass
 Garmin GTR 200 VHF radio with Summit VHF antenna
 Garmin GMA245R remote audio panel
 Garmin GTX35R remote mode S transponder with rod antenna
 Full 2 axis Garmin auto pilot system
 Garmin GMC 307 AP controller
 Cast aluminium unheated pitot tube with angle of attack
 Internal LED cabin lights front and rear
 Glove / map box in instrument panel
 Landing / taxi lights - double LED lights in both wings
 Triple LED Nav / strobe lights on wingtips and tail
 Locking fuel caps
 Andair fuel selector valve (selection - left, right, off)
 Painted single colour on the outside and grey interior
 Halon fire extinguisher
 First aid kit with emergency signal strips
 Tow bar
 Lightweight canopy cover
 Plugs and covers for intakes and pitot tube
 Fuel tester
 Log books, pilot operators and maintenance manuals
 Registered and with flight authorization or with the necessary paperwork for export orders

OPTIONAL ITEMS

The following optional upgrades can be added to your standard Sling 4 package:

RADIO, INTERCOM, TRANSPONDER & ELT OPTIONS

Garmin GNC 255 NAV COM with AV 12L antenna (instead of Garmin GTR 200)

Garmin GTR 225 COM instead of Garmin GTR 200

ELT (Emergency Locator Transmitter) E-04 ACK ELT

INSTRUMENTATION OPTIONS

A second Garmin G3X EFIS (no analogue gauges)

A second Garmin G3X EFIS (keeping analogue gauges)

Garmin back-up battery 1. IBBS-12v-3ah (for single display)

Garmin back-up battery 2. IBBS-12v-6ah (for dual displays)

Garmin ADS-B GDL39R remote mount receiver with connector kit

VSI 0 - 2,000 ft/min

Vacuum pump system with gauge and regulator

Vacuum Venturi system with gauge and regulator

Artificial Horizon gyro vacuum gauge

Artificial Horizon gyro electric gauge

Direction Indicator gyro gauge

Turn Coordinator Indicator electric gauge

Course Deviation Indicator gauge

Night lights on "6 pack" analogue instruments with dimmer

Elevator trim on both sticks (full dual operation)

Ram mount system and charge connection for iPad

PAINT AND EXTERNAL FINISH OPTIONS

Metallic or Red paint instead of standard paint

Special colour paint scheme per extra colour

Stripes on fuselage, wings or spats per stripe

Complex paint jobs to be quoted on

Fill all centre holes of standard rivets

Countersinking - flush rivets on all remaining exterior surfaces

INTERIOR OPTIONS

Sling pedals instead of T-Bar
Dual toe hydraulic brakes instead of hand operated brake
LIGHTS AND STROBES OPTIONS
Aveomaxx LED landing light (single) instead of GP (price for each one)
PARACHUTE OPTIONS
Magnum 901 ballistic parachute system (excludes brackets & cables etc)
Put parachute cables and all mount brackets and skins in readiness for a parachute
OTHER OPTIONS
CAA test flights and approvals for flight school training Authority to Fly
Special registration letters - on request from the CAA
Strip and pack Sling into container for export