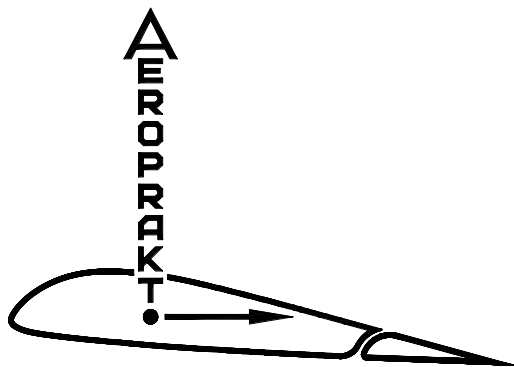




Aeroprakt Ltd.

24, Polevaya str., Kiev, Ukraine

Tel: 038 044 496-77-21

Fax: 038 044 496-77-31

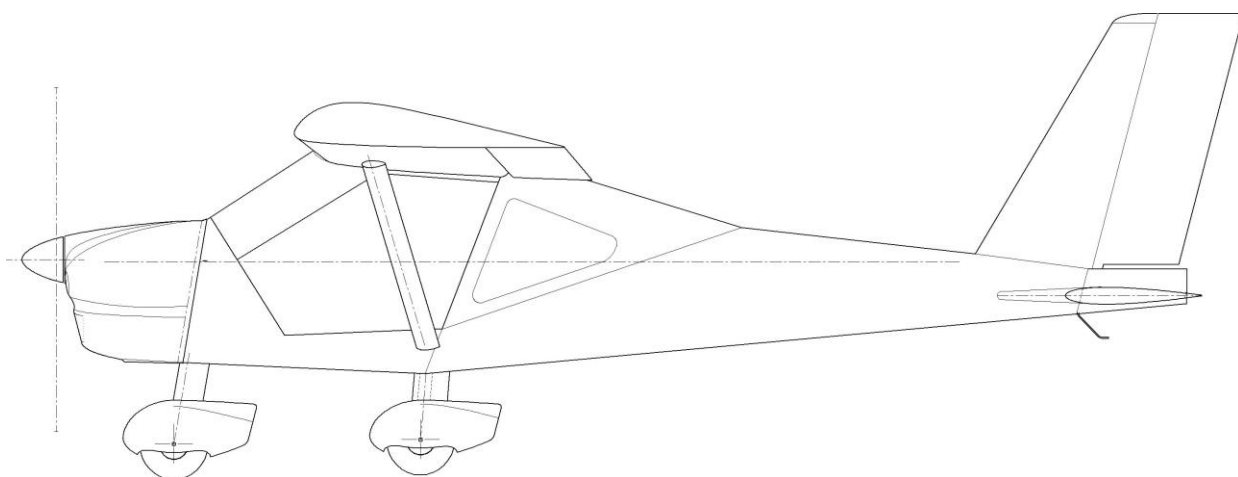
e-mail: air@prakt.kiev.ua

www.aeroprakt.kiev.ua

AEROPRAKT-32

Illustrated Parts Catalog

A32-IPC-01



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1. INTRODUCTION

Significance of the catalog number (PART NO.) symbols:

A32-AB-CDE F

- A32** - airplane type;
- AB** - catalog chapter number;
- CDE** - item number within catalog chapter;
- F** - version: «**R**» - right-hand, «**L**» - left-hand, or omitted if not “handed”.

2. AIRFRAME



NAME: **Fuselage with fin, not painted**
PART NO.: **A32-01-001**
WEIGHT: **44.5 kg**



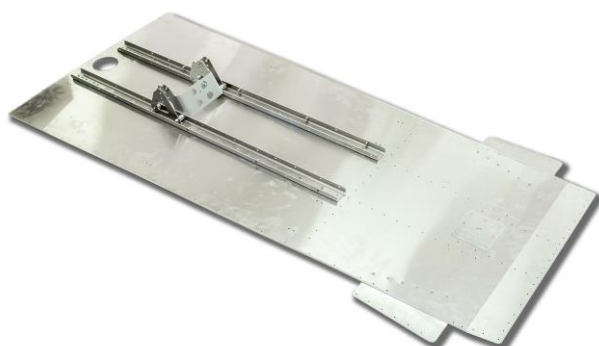
NAME: **Tail boom assembly, not painted**
PART NO.: **A32-01-002**
WEIGHT: **8.9 kg**



NAME: **First frame assembly**
PART NO.: **A32-01-003**
WEIGHT: **2.1 kg**



NAME: **Tail spring**
PART NO.: **A32-01-004**
WEIGHT: **0.2 kg**



NAME: **Floor panel, forward**
PART NO.: **A32-01-005**
WEIGHT: **1.8 kg**



NAME: **Keel parts set**
PART NO.: **A32-01-450**
WEIGHT: **2.8 kg**



NAME: **Top cowling, not painted**
PART NO.: **A32-01-007**
WEIGHT: **1.4 kg**



NAME: **Top cowling, painted**
PART NO.: **A32-01-008**
WEIGHT: **1.4 kg**



NAME: **Bottom cowling, not painted**
PART NO.: **A32-01-009**
WEIGHT: **1.6 kg**



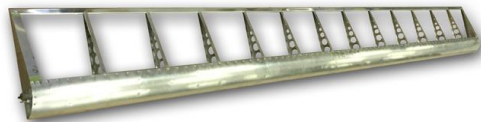
NAME: **Bottom cowling, painted**
PART NO.: **A32-01-010**
WEIGHT: **2.15 kg**



NAME: **Outer wing, not covered**
PART NO.: **A32-01-150 R**
 A32-01-150 L
WEIGHT: **21.1 kg**



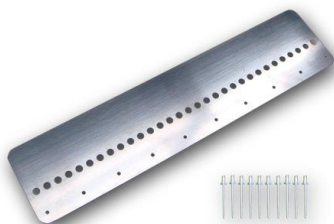
NAME: **Outer wing, covered**
PART NO.: **A32-01-151 R**
 A32-01-151 L
WEIGHT: **23.5 kg**



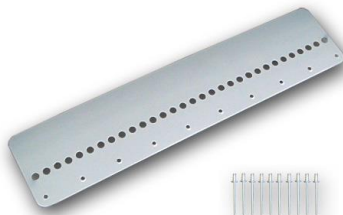
NAME: **Flaperon, not covered**
PART NO.: **A32-01-152 R**
 A32-01-152 L
WEIGHT: **3.4 kg**



NAME: **Flaperon, covered**
PART NO.: **A32-01-153 R**
 A32-01-153 L
WEIGHT: **4.56 kg**



NAME: **Aileron trim tab, not painted**
PART NO.: **A22LS-01-154**
WEIGHT: **0.05 kg**



NAME: **Aileron trim tab, painted**
PART NO.: **A22LS-01-155**
WEIGHT: **0.05 kg**



NAME: **Fuel tank**
PART NO.: **A22LS-01-156 R**
 A22LS-01-156 L
WEIGHT: **3.4 kg**



NAME: **Fuel tank cap**
PART NO.: **A22LS-01-157**
WEIGHT: **0.06 kg**



NAME: **Wing strut, painted**
PART NO.: **A32-01-158 R**
A32-01-158 L
WEIGHT: **3.6 kg**



NAME: **Wing strut fairings, painted (a set)**
PART NO.: **A32-01-159**
WEIGHT: **0.96 kg**



NAME: **Pitot tube**
PART NO.: **A22LS-01-160**
WEIGHT: **0.11 kg**



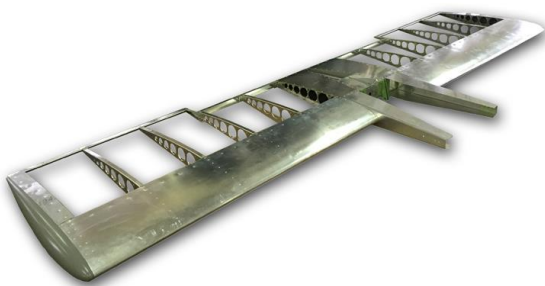
NAME: **Wing tip, not painted**
PART NO.: **A22LS-01-161 R**
A22LS-01-161 L
WEIGHT: **1.4 kg**



NAME: **Wing covering (DIATEX fabric)**
PART NO.: **A22LS-01-162**
WEIGHT: **0.2 kg**



NAME: **Flaperon covering (DIATEX fabric)**
PART NO.: **A22LS-01-163**
WEIGHT: **0.27 kg**



NAME: **Stabilator, not covered**
PART NO.: **A32-01-302**
WEIGHT: **6.9 kg**



NAME: **Stabilator, covered**
PART NO.: **A32-01-303**
WEIGHT: **8.1 kg**



NAME: **Stabilator trim tab, not covered**
PART NO.: **A32-01-304**
WEIGHT: **0.4 kg**



NAME: **Stabilator trim tab, painted**
PART NO.: **A32-01-305**
WEIGHT: **0.4 kg**



NAME: **Stabilator covering (DIATEX fabric)**
PART NO.: **A32-01-309**
WEIGHT: **0.6 kg**



NAME: **Rudder covering (DIATEX fabric)**
PART NO.: **A22LS-01-453**
WEIGHT: **0.13 kg**



NAME: **Rudder, not covered**
PART NO.: **A32-01-451**
WEIGHT: **1.1 kg**



NAME: **Rudder, covered**
PART NO.: **A32-01-452**
WEIGHT: **1.4 kg**



NAME: **Windscreen glass**
PART NO.: **A32-01-600**
WEIGHT: **3.36 kg**



NAME: **Windscreen glass edging**
PART NO.: **A32-01-601**
WEIGHT: **0.45 kg**



NAME: **Door**
PART NO.: **A32-01-751 R**
 A32-01-751 L
WEIGHT: **3.7 kg**



NAME: **Gas strut**
PART NO.: **A22LS-01-750**
WEIGHT: **0.25 kg**

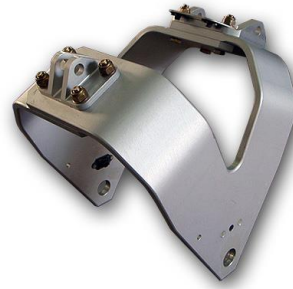


NAME: **Vent scoop**
PART NO.: **A22LS-01-754**
WEIGHT: **0.02 kg**

3. LANDING GEAR



NAME: **Nose wheel leg**
PART NO.: **A32-02-001**
WEIGHT: **5.1 kg**



NAME: **Nose wheel fork**
PART NO.: **A22LS-02-002**
WEIGHT: **2.15 kg**



NAME: **Nose wheel strut**
PART NO.: **A32-02-003**
WEIGHT: **2.2 kg**



NAME: **Пружинный амортизатор**
PART NO.: **A32-02-004**
WEIGHT: **0.525 kg**



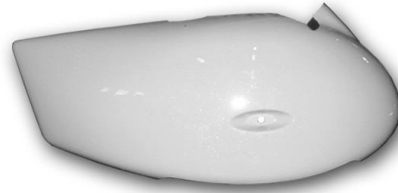
NAME: **Nose leg support assembly**
PART NO.: **A32-02-005**
WEIGHT: **0.8 kg**



NAME: **Main leg assembly**
PART NO.: **A32-02-150 R**
A32-02-150 L
WEIGHT: **3.6 kg**



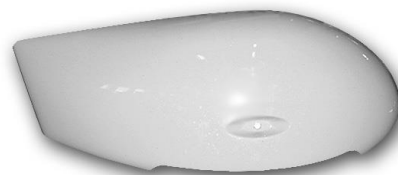
NAME: **Nose wheel fairing, not painted**
PART NO.: **A32-02-300**
WEIGHT: **0.7 kg**



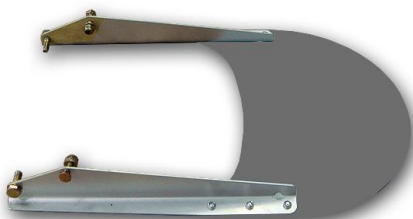
NAME: **Nose wheel fairing, painted**
PART NO.: **A32-02-301**
WEIGHT: **0.75 kg**



NAME: **Main wheel fairing, not painted**
PART NO.: **A22LS-02-302 R**
A22LS-02-302 L
WEIGHT: **0.65 kg**



NAME: **Main wheel fairing, painted**
PART NO.: **A22LS-02-303 R**
A22LS-02-303 L
WEIGHT: **0.7 kg**



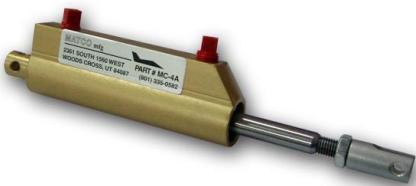
NAME: **Nose wheel mud-screen**
PART NO.: **A22LS-02-450**
WEIGHT: **0.24 kg**



NAME: **Main wheel mud-screen**
PART NO.: **A22LS-02-451 R**
A22LS-02-451 L
WEIGHT: **0.37 kg**



NAME: **Set of 6x6 wheels with brakes**
PART NO.: **A22LS-02-600**
WEIGHT: **13.5 kg**



NAME: **Master brake cylinder**
PART NO.: **A22LS-02-750**
WEIGHT: **0.2 kg**



NAME: **Braking system fittings (a set)**
PART NO.: **A22LS-02-751**
WEIGHT: **0.13 kg**

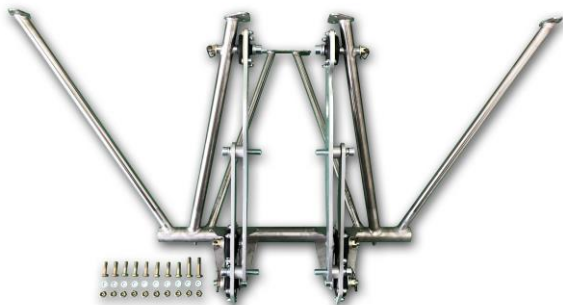


NAME: **Braking system tubing (a set)**
PART NO.: **A22LS-02-752**
WEIGHT: **0.25 kg**



NAME: **Braking system expansion tank**
PART NO.: **A22LS-02-753**
WEIGHT: **0.04 kg**

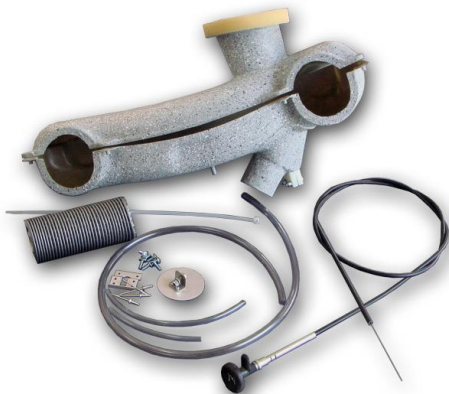
4. ENGINE AND ITS SYSTEMS



NAME: Engine mount (a set)
PART NO.: A32-03-001
WEIGHT: 4.5 kg



NAME: Engine mount shock absorber
PART NO.: A22LS-03-002
WEIGHT: 0.07 kg



NAME: Intake airbox (a set)
PART NO.: A32-03-150
WEIGHT: 0.7 kg



NAME: Gascolator
PART NO.: A22LS-03-300
WEIGHT: 0.9 kg



NAME: Oil system lines (a set)
PART NO.: A32-03-450
WEIGHT: 0.33 kg



NAME: Cooling system hoses (a set)
PART NO.: A32-03-600
WEIGHT: 0.68 kg



NAME: **Exhaust system (a set)**
PART NO.: **A32-03-750**
WEIGHT: **4.1 kg**



NAME: **Muffler**
PART NO.: **A32-03-751**
WEIGHT: **2.5 kg**



NAME: **Exhaust pipe of 1st cylinder**
PART NO.: **A32-03-752**
WEIGHT: **0.5 kg**



NAME: **Exhaust pipe of 2nd cylinder**
PART NO.: **A32-03-753**
WEIGHT: **0.4 kg**



NAME: **Exhaust pipe of 3rd cylinder**
PART NO.: **A32-03-754**
WEIGHT: **0.3 kg**

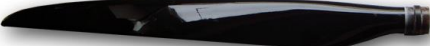


NAME: **Exhaust pipe of 4th cylinder**
PART NO.: **A32-03-755**
WEIGHT: **0.3 kg**



NAME: Exhaust system springs (a set)
PART NO.: A22LS-03-762
WEIGHT: 0.16 kg

5. PROPELLER

	NAME: Propeller spinner, painted (a set) PART NO.: A32-04-002 WEIGHT: 0.58 kg
NAME: Propeller spinner, not finished (a set) PART NO.: A32-04-001 WEIGHT: 0.6 kg	
	
NAME: KIEVPROP propeller (a set) PART NO.: A22LS-04-151 WEIGHT: 3.95 kg	NAME: KIEVPROP propeller blade PART NO.: A22LS-04-152 WEIGHT: 0.75 kg

6. AIRPLANE CONTROL SYSTEM



NAME: Yokes with control column (a set)
PART NO.: A32-05-001
WEIGHT: 3.5 kg



NAME: Central stick with "Y" handle (a set)
PART NO.: A32-05-002
WEIGHT: 0.67 kg

NAME: Central stick with "I" handle (a set)
PART NO.: A32-05-003
WEIGHT: 0.65 kg



NAME: Тяга механизма управления
флаперонами L=630 мм
PART NO.: A32-05-150
WEIGHT: 0.19 kg



NAME: Stabilator push pull rod
PART NO.: A32-05-301
WEIGHT: 0.19 kg



NAME: Long rudder cables (a set)
PART NO.: A32-05-450
WEIGHT: 0.6 kg



NAME: **Short rudder cables (a set)**



NAME: **Stabilator cables (a set)**



NAME: **Flaperon cables (a set)**

7. ELECTRICAL SYSTEM



NAME: **Landing light (a set)**
PART NO.: **A32-06-001**
WEIGHT: **0.35 kg**



NAME: **Condenser 22000 µF 25V**
PART NO.: **A22LS-06-002**
WEIGHT: **0.1 kg**



NAME: **Switch guard**
PART NO.: **A22LS-06-003**
WEIGHT: **0.004 kg**



NAME: **Toggle switch**
PART NO.: **A22LS-06-004**
WEIGHT: **0.03 kg**



NAME: **Battery straps (a set)**
PART NO.: **A32-06-005**
WEIGHT: **0.05 kg**



NAME: **Fuel level indicator**
PART NO.: **A22LS-06-150**
WEIGHT: **0.14 kg**



NAME: **Fuel level sensor**
PART NO.: **A22LS-06-151 R**
A22LS-06-151 L
WEIGHT: **0.11 kg**



NAME: **Fuel level sensor seal**
PART NO.: **A22LS-06-152**
WEIGHT: **0.01 kg**

8. SEATS, HARNESS BELTS



NAME: **Seats (a set)**
PART NO.: **A32-07-001**
WEIGHT: **3.6 kg**



NAME: **Seat framework**
PART NO.: **A32-07-002**
WEIGHT: **1 kg**



NAME: **Seat cushion**
PART NO.: **A32-07-003**
WEIGHT: **1.00 kg**



NAME: **Harness belts (a set)**
PART NO.: **A32-07-150**
WEIGHT: **1.3 kg**

9. РАСХОДНЫЕ МАТЕРИАЛЫ



NAME: **ATF hydraulic fluid, 5 l**
 PART NO.: **A22LS-08-001**
 WEIGHT: **4.5 kg**



NAME: **Mobil 1 (5W-50) engine oil, 4 l**
 PART NO.: **A22LS-08-002**
 WEIGHT: **3.6 kg**



NAME: **Mobil antifreeze (concentrated), 5 l**
 PART NO.: **A22LS-08-003**
 WEIGHT: **5.5 kg**



NAME: **3M polyurethane sealant, 310 ml**
 PART NO.: **A22LS-08-150**
 WEIGHT: **0.35 kg**



NAME: **Terostat-8517H primer, 25 ml**
 PART NO.: **A22LS-08-300**
 WEIGHT: **0.06 kg**



NAME: **Glasurit primer, 0.5 l + 1.0 l**
 PART NO.: **A22LS-08-301**
 WEIGHT: **1.75 kg**



NAME: **EcoFill primer, 3.8 l**
PART NO.: **A22LS-08-302**
WEIGHT: **4.9 kg**



NAME: **Герметик акриловый для уплотнения остекления**
WEIGHT: **0.3 kg**

10. CATALOG STRUCTURE

A32

01 – AIRFRAME

- 001 – 149 – fuselage
- 150 – 299 – wing
- 300 – 449 – stabilizer
- 450 – 599 – fin
- 600 – 749 – glass
- 750 – 899 – doors

02 – LANDING GEAR

- 001 – 149 – nose leg
- 150 – 299 – main leg
- 300 – 499 – fairings
- 450 – 599 – mud-screens
- 600 – 749 – wheels
- 750 – 899 – brakes

03 – ENGINE AND ITS SYSTEMS

- 001 – 149 – engine mount
- 150 – 299 – control system
- 300 – 499 – fuel system
- 450 – 599 – oil system
- 600 – 749 – cooling system
- 750 – 899 – exhaust system

04 – PROPELLER

- 001 – 149 – spinner
- 150 – 299 – propeller

05 – AIRPLANE CONTROL SYSTEM

- 001 – 149 – control system levers
- 150 – 299 – aileron control system
- 300 – 499 – elevator control system
- 450 – 599 – rudder control system

06 – ELECTRICAL SYSTEM

- 001 – 149 – electrical equipment
- 150 – 299 – instruments

07 – SEATS, HARNESS BELTS, HEATING

- 001 – 149 – seats
- 150 – 299 – harness belts
- 300 – 499 – heating

08 – CONSUMABLE MATERIALS

- 001 – 149 – oils and fluids
- 150 – 299 – sealants
- 300 – 499 – primers
- 450 – 599 – paints