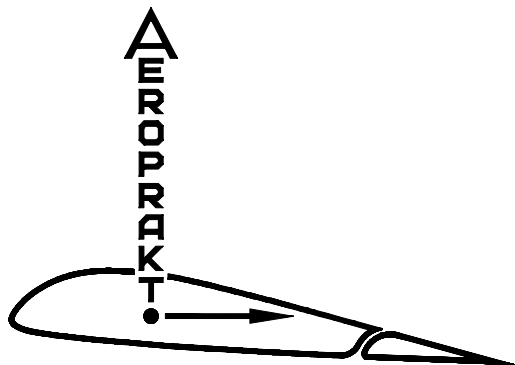




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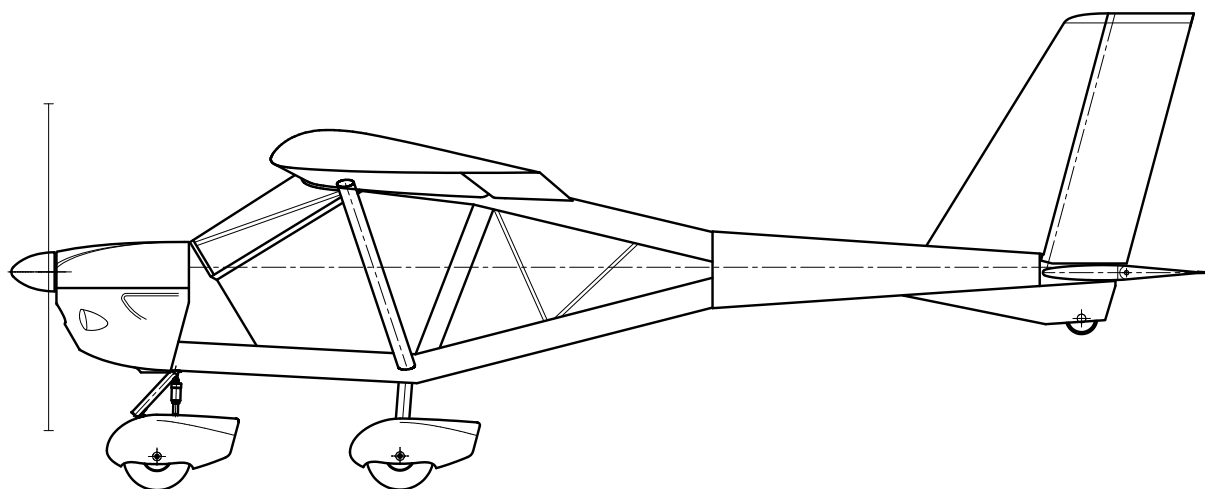
e-mail: air@prakt.kiev.ua

www.aeroprakt.kiev.ua

AEROPRAKT-22LS

Illustrated Parts Catalog

A22LS-IPC-01



Contents

1. INTRODUCTION 3

2. AIRFRAME 4

3. LANDING GEAR 12

4. ENGINE AND ITS SYSTEMS..... 16

5. PROPELLER..... 20

6. AIRPLANE CONTROL SYSTEM 21

7. ELECTRICAL SYSTEM 24

8. SEAT, HARNESS BELTS, HEATING 26

9. CONSUMABLE MATERIALS 27

10. CATALOG STRUCTURE 29

1. INTRODUCTION

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

A22LS-AB-CDE F

- A22LS** - 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**
PART NO.: **A22LS-01-001**
WEIGHT: **37 kg**
PRICE:



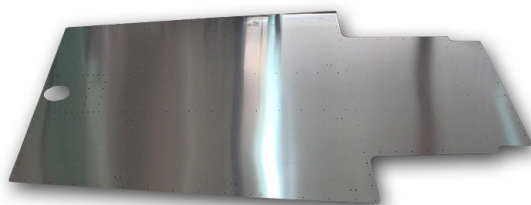
NAME: **Tail boom assembly**
PART NO.: **A22LS-01-002**
WEIGHT: **10 kg**
PRICE:



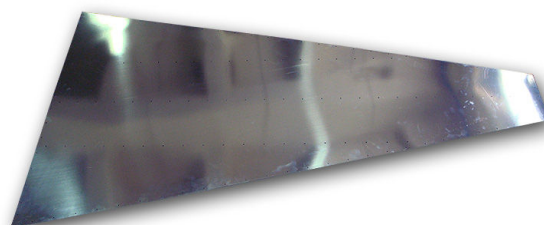
NAME: **Firewall assembly**
PART NO.: **A22LS-01-003**
WEIGHT: **2.85 kg**
PRICE:



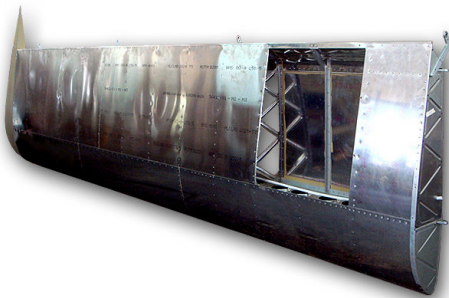
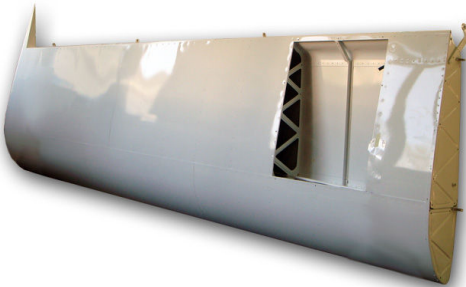
NAME: **Tail wheel (a set)**
PART NO.: **A22LS-01-004**
WEIGHT: **0.3 kg**
PRICE:

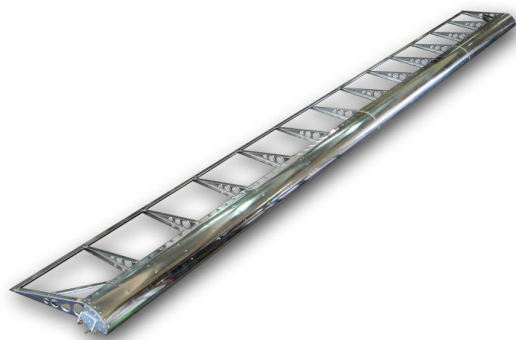


NAME: **Floor panel, forward**
PART NO.: **A22LS-01-005**
WEIGHT: **1.3 kg**
PRICE:



NAME: **Floor panel, rear**
PART NO.: **A22LS-01-006**
WEIGHT: **1.3 kg**
PRICE:

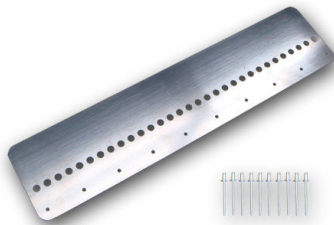
 NAME: Top cowling, not painted PART NO.: A22LS-01-007 WEIGHT: 1.3 kg PRICE:	 NAME: Top cowling PART NO.: A22LS-01-008 WEIGHT: 1.4 kg PRICE:
 NAME: Bottom cowling, not painted PART NO.: A22LS-01-009 WEIGHT: 2.0 kg PRICE:	 NAME: Bottom cowling PART NO.: A22LS-01-010 WEIGHT: 2.15 kg PRICE:
 NAME: Outer wing, not covered PART NO.: A22LS-01-150 R A22LS-01-150 L WEIGHT: 21.5 kg PRICE:	 NAME: Outer wing PART NO.: A22LS-01-151 R A22LS-01-151 L WEIGHT: 23.5 kg PRICE:



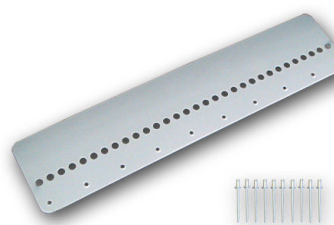
NAME: **Flaperon, not covered**
PART NO.: **A22LS-01-152 R**
 A22LS-01-152 L
WEIGHT: **3.3 kg**
PRICE:



NAME: **Flaperon**
PART NO.: **A22LS-01-153 R**
 A22LS-01-153 L
WEIGHT: **4.1 kg**
PRICE:



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



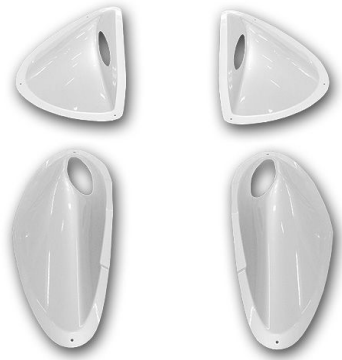
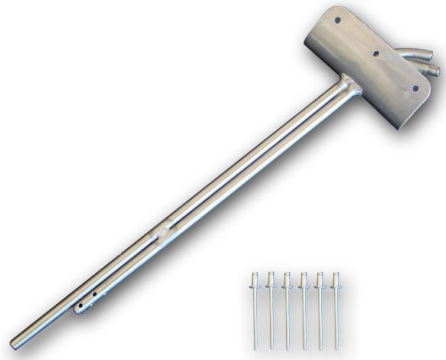
NAME: **Aileron trim tab**
PART NO.: **A22LS-01-155**
WEIGHT: **0.05 kg**
PRICE:

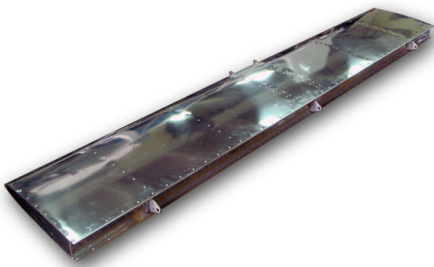


NAME: **Fuel tank**
PART NO.: **A22LS-01-156 R**
 A22LS-01-156 L
WEIGHT: **3.4 kg**
PRICE:



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

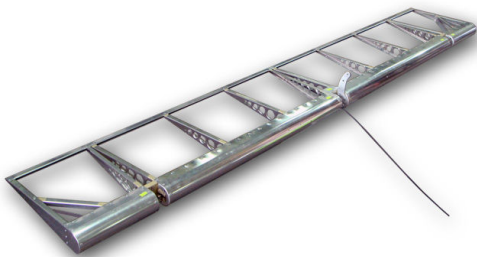
 NAME: Wing strut PART NO.: A22LS-01-158 R A22LS-01-158 L WEIGHT: 3.6 kg PRICE:	 NAME: Wing strut fairings (a set) PART NO.: A22LS-01-159 WEIGHT: 0.5 kg PRICE:
 NAME: Pitot tube PART NO.: A22LS-01-160 WEIGHT: 0.11 kg PRICE:	 NAME: Wing tip PART NO.: A22LS-01-161 R A22LS-01-161 L WEIGHT: 1.4 kg PRICE:
 NAME: Wing covering (DIATEX fabric) PART NO.: A22LS-01-162 WEIGHT: 0.2 kg PRICE:	 NAME: Flaperon covering (DIATEX fabric) PART NO.: A22LS-01-163 WEIGHT: 0.27 kg PRICE:



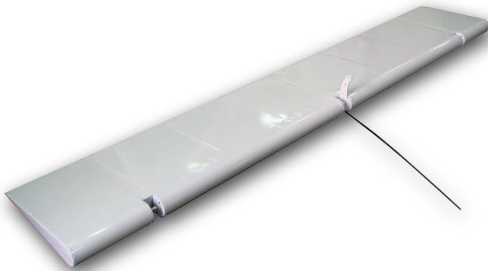
NAME: **Stabilizer, not painted**
PART NO.: **A22LS-01-300**
WEIGHT: **6.3 kg**
PRICE:



NAME: **Stabilizer**
PART NO.: **A22LS-01-301**
WEIGHT: **6.7 kg**
PRICE:



NAME: **Elevator, not covered**
PART NO.: **A22LS-01-302**
WEIGHT: **2.2 kg**
PRICE:



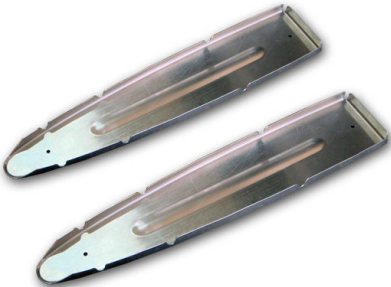
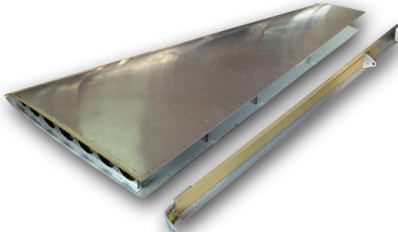
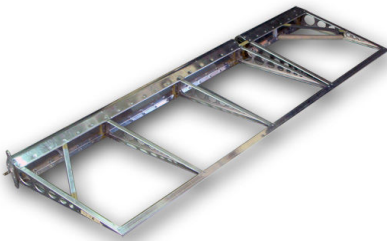
NAME: **Elevator**
PART NO.: **A22LS-01-303**
WEIGHT: **2.8 kg**
PRICE:



NAME: **Elevator trim tab, not painted**
PART NO.: **A22LS-01-304**
WEIGHT: **0.17 kg**
PRICE:



NAME: **Elevator trim tab**
PART NO.: **A22LS-01-305**
WEIGHT: **0.2 kg**
PRICE:

 NAME: Stabilizer end ribs PART NO.: A22LS-01-306 WEIGHT: 0.16 kg PRICE:	 NAME: Elevator end ribs PART NO.: A22LS-01-307 WEIGHT: 0.07 kg PRICE:
 NAME: Elevator tips PART NO.: A22LS-01-308 WEIGHT: 0.6 kg PRICE:	 NAME: Elevator covering (DIATEX fabric) PART NO.: A22LS-01-309 WEIGHT: 0.2 kg PRICE:
 NAME: Fin and fin spar PART NO.: A22LS-01-450 WEIGHT: 2 kg PRICE:	 NAME: Rudder, not covered PART NO.: A22LS-01-451 WEIGHT: 1.1 kg PRICE:



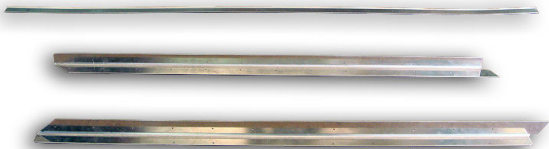
NAME: **Rudder**
PART NO.: **A22LS-01-452**
WEIGHT: **1.4 kg**
PRICE:



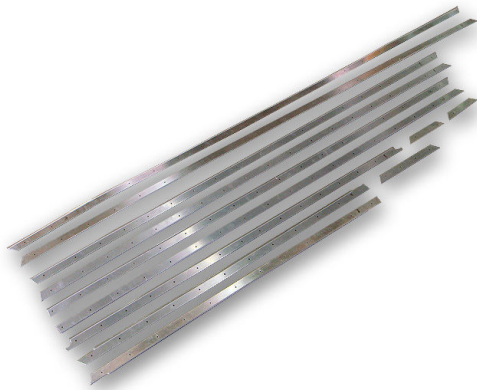
NAME: **Rudder covering (DIATEX fabric)**
PART NO.: **A22LS-01-453**
WEIGHT: **0.13 kg**
PRICE:



NAME: **Windscreen glass**
PART NO.: **A22LS-01-600**
WEIGHT: **3.2 kg**
PRICE:



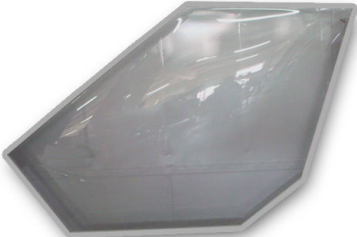
NAME: **Windscreen glass edging**
PART NO.: **A22LS-01-601**
WEIGHT: **0.45 kg**
PRICE:



NAME: **Rear glass edging**
PART NO.: **A22LS-01-602**
WEIGHT: **0.28 kg**
PRICE:



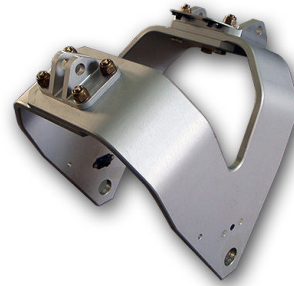
NAME: **Gas strut**
PART NO.: **A22LS-01-750**
WEIGHT: **0.25 kg**
PRICE:

 NAME: Door PART NO.: A22LS-01-751 R A22LS-01-751 L WEIGHT: 3.7 kg PRICE:	 NAME: Door with big sliding window PART NO.: A22LS-01-752 R A22LS-01-752 L WEIGHT: 4.5 kg PRICE:
 NAME: Door glass PART NO.: A22LS-01-753 R A22LS-01-753 L WEIGHT: 2 kg PRICE:	 NAME: Vent scoop PART NO.: A22LS-01-754 WEIGHT: 0.02 kg PRICE:

3. LANDING GEAR



NAME: **Nose wheel leg**
PART NO.: **A22LS-02-001**
WEIGHT: **5.26 kg**
PRICE:



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



NAME: **Nose wheel strut**
PART NO.: **A22LS-02-003**
WEIGHT: **2.2 kg**
PRICE:



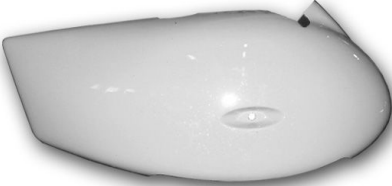
NAME: **Gas shock absorber (a set)**
PART NO.: **A22LS-02-004**
WEIGHT: **0.525 kg**
PRICE:

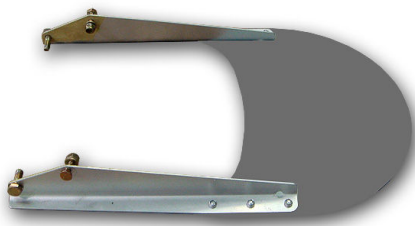


NAME: **Nose leg support, upper**
PART NO.: **A22LS-02-005**
WEIGHT: **0.23 kg**
PRICE:



NAME: **Nose leg support, lower**
PART NO.: **A22LS-02-006**
WEIGHT: **0.66 kg**
PRICE:

 NAME: Main leg assembly PART NO.: A22LS-02-150 R A22LS-02-150 L WEIGHT: 4.5 kg PRICE:	 NAME: Main leg spring PART NO.: A22LS-02-151 WEIGHT: 4 kg PRICE:
 NAME: Nose wheel fairing, not painted PART NO.: A22LS-02-300 WEIGHT: 0.75 kg PRICE:	 NAME: Nose wheel fairing PART NO.: A22LS-02-301 WEIGHT: 0.8 kg PRICE:
 NAME: Main wheel fairing, not painted PART NO.: A22LS-02-302 R A22LS-02-302 L WEIGHT: 0.65 kg PRICE:	 NAME: Main wheel fairing PART NO.: A22LS-02-303 R A22LS-02-303 L WEIGHT: 0.7 kg PRICE:



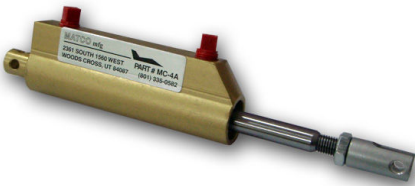
NAME: **Nose wheel mud-screen**
PART NO.: **A22LS-02-450**
WEIGHT: **0.24 kg**
PRICE:



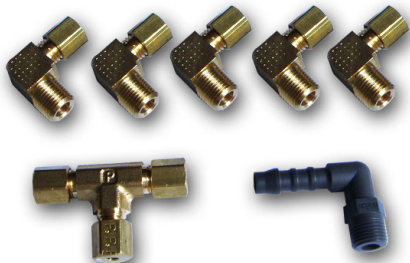
NAME: **Main wheel mud-screen**
PART NO.: **A22LS-02-451 R**
A22LS-02-451 L
WEIGHT: **0.37 kg**
PRICE:



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



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



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



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



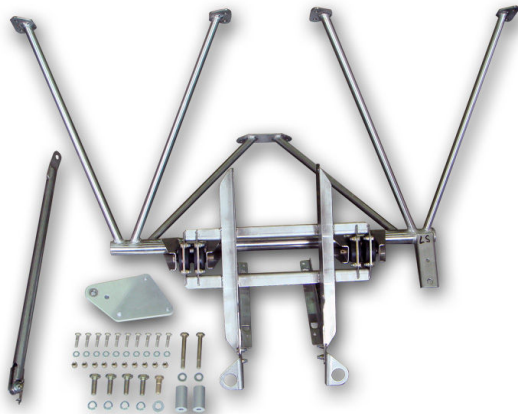
NAME: **Braking system expansion tank**

PART NO.: **A22LS-02-753**

WEIGHT: **0.04 kg**

PRICE:

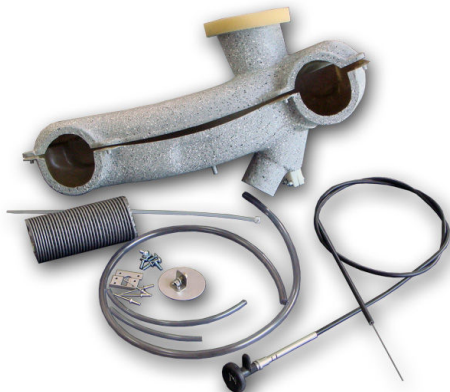
4. ENGINE AND ITS SYSTEMS



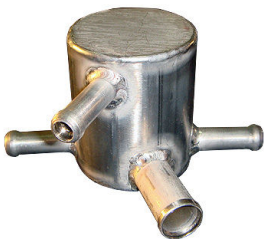
NAME: Engine mount (a set)
PART NO.: A22LS-03-001
WEIGHT: 4.9 kg
PRICE:



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



NAME: Intake airbox (a set)
PART NO.: A22LS-03-150
WEIGHT: 0.73 kg
PRICE:



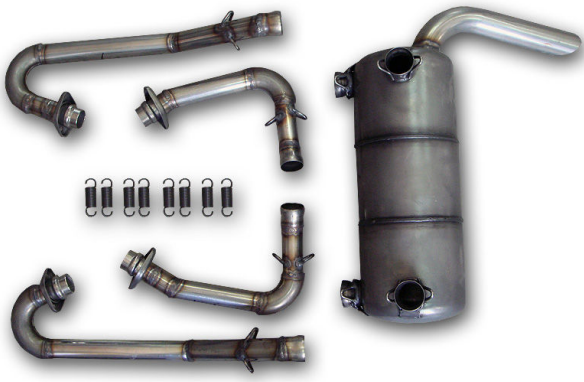
NAME: Moisture trap
PART NO.: A22LS-03-300
WEIGHT: 0.9 kg
PRICE:

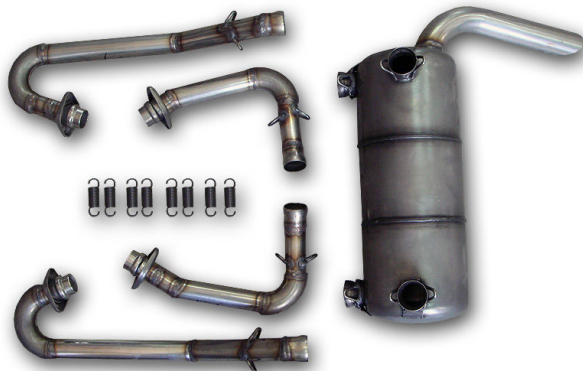


NAME: Oil system lines (a set)
PART NO.: A22LS-03-450
WEIGHT: 0.33 kg
PRICE:



NAME: Cooling system hoses (a set)
PART NO.: A22LS-03-600
WEIGHT: 0.68 kg
PRICE:

 NAME: Exhaust system (100 hp, a set) PART NO.: A22LS-03-750 WEIGHT: 4.5 kg PRICE:	 NAME: Exhaust muffler (100 hp) PART NO.: A22LS-03-751 WEIGHT: 2.5 kg PRICE:
 NAME: Exhaust pipe of 1st cylinder (100 hp) PART NO.: A22LS-03-752 WEIGHT: 0.5 kg PRICE:	 NAME: Exhaust pipe of 2nd cylinder (100 hp) PART NO.: A22LS-03-753 WEIGHT: 0.54 kg PRICE:
 NAME: Exhaust pipe of 3rd cylinder (100 hp) PART NO.: A22LS-03-754 WEIGHT: 0.4 kg PRICE:	 NAME: Exhaust pipe of 4th cylinder (100 hp) PART NO.: A22LS-03-755 WEIGHT: 0.35 kg PRICE:



NAME: **Exhaust system (80 hp, a set)**
PART NO.: **A22LS-03-756**
WEIGHT: **4.4 kg**
PRICE:



NAME: **Exhaust muffler (80 hp)**
PART NO.: **A22LS-03-757**
WEIGHT: **2.4 kg**
PRICE:



NAME: **Exhaust pipe of 1st cylinder (80 hp)**
PART NO.: **A22LS-03-758**
WEIGHT: **0.5 kg**
PRICE:



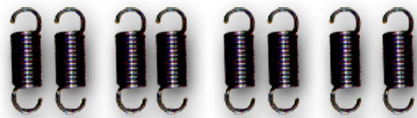
NAME: **Exhaust pipe of 2nd cylinder (80 hp)**
PART NO.: **A22LS-03-759**
WEIGHT: **0.54 kg**
PRICE:



NAME: **Exhaust pipe of 3rd cylinder (80 hp)**
PART NO.: **A22LS-03-760**
WEIGHT: **0.4 kg**
PRICE:



NAME: **Exhaust pipe of 4th cylinder (80 hp)**
PART NO.: **A22LS-03-761**
WEIGHT: **0.35 kg**
PRICE:



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

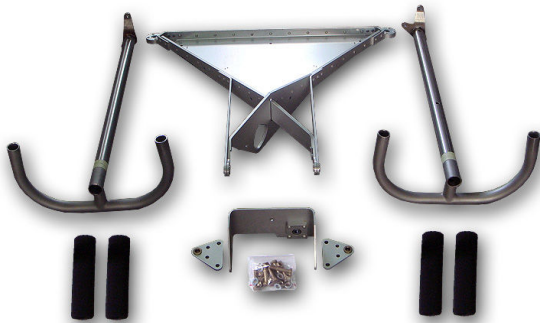


NAME: **Bushings for EGT sensors (a set)**
PART NO.: **A22LS-03-763**
WEIGHT: **0.06 kg**
PRICE:

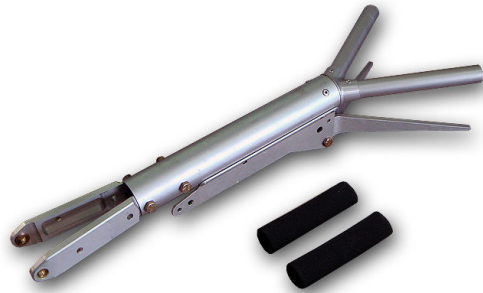
5. PROPELLER

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

6. AIRPLANE CONTROL SYSTEM



NAME: **Yokes with control column (a set)**
PART NO.: **A22LS-05-001**
WEIGHT: **3.5 kg**
PRICE:



NAME: **Central stick with "Y" handle (a set)**
PART NO.: **A22LS-05-002**
WEIGHT: **0.67 kg**
PRICE:



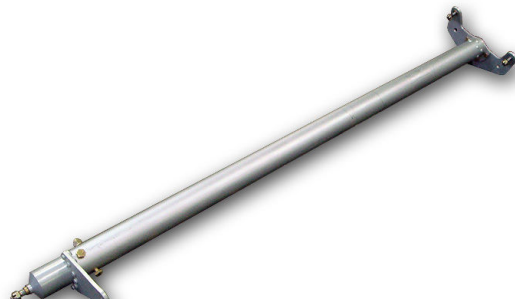
NAME: **Central stick with "I" handle (a set)**
PART NO.: **A22LS-05-003**
WEIGHT: **0.65 kg**
PRICE:



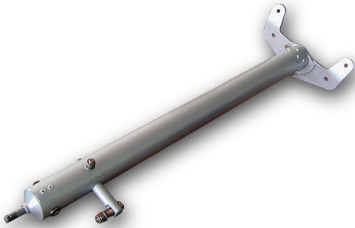
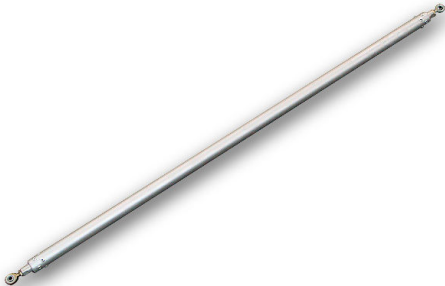
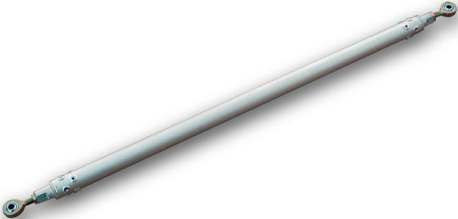
NAME: **Horizontal rod L=530 mm**
PART NO.: **A22LS-05-150**
WEIGHT: **0.19 kg**
PRICE:



NAME: **Diagonal rod L=553 mm**
PART NO.: **A22LS-05-151**
WEIGHT: **0.25 kg**
PRICE:



NAME: **Torque shaft (yokes)**
PART NO.: **A22LS-05-152**
WEIGHT: **0.87 kg**
PRICE:

 NAME: Torque shaft (stick) PART NO.: A22LS-05-153 WEIGHT: 0.55 kg PRICE:	 NAME: Vertical rod L=933 mm PART NO.: A22LS-05-154 WEIGHT: 0.35 kg PRICE:
 NAME: Aileron shaft PART NO.: A22LS-05-155 R A22LS-05-155 L WEIGHT: 0.5 kg PRICE:	 NAME: Elevator rod 1 (yokes) L=1002 mm PART NO.: A22LS-05-300 WEIGHT: 0.37 kg PRICE:
 NAME: Elevator rod 1 (stick) L=545 mm PART NO.: A22LS-05-301 WEIGHT: 0.19 kg PRICE:	 NAME: Elevator rod 2 L=1502 mm PART NO.: A22LS-05-302 WEIGHT: 0.6 kg PRICE:



NAME: **Elevator rod 3 L=2155 mm**
PART NO.: **A22LS-05-303**
WEIGHT: **0.74 kg**
PRICE:



NAME: **Rudder cables (a set)**
PART NO.: **A22LS-05-450**
WEIGHT: **0.6 kg**
PRICE:

7. ELECTRICAL SYSTEM

 NAME: Landing light, BOSH (a set) PART NO.: A22LS-06-001 WEIGHT: 0.35 kg PRICE:	 NAME: Condenser 2200 µF 25V PART NO.: A22LS-06-002 WEIGHT: 0.1 kg PRICE:
 NAME: Switch guard PART NO.: A22LS-06-003 WEIGHT: 0.004 kg PRICE:	 NAME: Toggle switch PART NO.: A22LS-06-004 WEIGHT: 0.03 kg PRICE:
 NAME: Battery straps (a set) PART NO.: A22LS-06-005 WEIGHT: 0.05 kg PRICE:	 NAME: Fuel level indicator PART NO.: A22LS-06-150 WEIGHT: 0.14 kg PRICE:



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

8. SEATS, HARNESS BELTS, HEATING



NAME: **Seats (a set)**
PART NO.: **A22LS-07-001**
WEIGHT: **3.6 kg**
PRICE:



NAME: **Seat framework**
PART NO.: **A22LS-07-002**
WEIGHT: **1 kg**
PRICE:



NAME: **Seat cushion**
PART NO.: **A22LS-07-003**
WEIGHT: **0.65 kg**
PRICE:



NAME: **Harness belts (a set)**
PART NO.: **A22LS-07-150**
WEIGHT: **1.4 kg**
PRICE:



NAME: **Cockpit heating system**
PART NO.: **A22LS-07-300**
WEIGHT: **0.75 kg**
PRICE:

9. CONSUMABLE MATERIALS



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



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



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



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



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



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



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

10. CATALOG STRUCTURE

A22LS

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