



# SUPPLEMENT

## AIRCRAFT DESCRIPTION

Registration mark: **N713BK**

Serial number: **2006 0713**

This Supplement must be contained in the Aircraft Operating Instructions during operation of the airplane of S/N 2006 0713.

Information contained in this Supplement add or replace information from the basic Aircraft Operating Instructions in the further mentioned parts only. Limitations, procedures and information not mentioned in this Supplement are contained in the basic Aircraft Operating Instructions.

**Section 9**

Aircraft description  
S/N 2006 0713

**SPORTSTAR**

**AIRCRAFT OPERATING INSTRUCTIONS**



Doc. No. S2006AOIUSS04

**RECORD OF REVISIONS**

Rev. No.	Affected Pages	Description/Validity	Approved /Date	Incorporated by/ Date



## **AIRCRAFT DESCRIPTION**

### **SECTION 1 – GENERAL**

This Supplement adds information necessary for airplane operation with equipment installed in the airplane SPORTSTAR of S/N 2006 0713.

Limitations, procedures and information not mentioned in this Supplement are contained in the basic Aircraft Operating Instructions.

### **SECTION 2 – LIMITATIONS**

#### **2.4 POWERPLANT**

Engine type: ROTAX 912ULS

This engine type is valid in the all Aircraft Operating Instructions.

#### **2.6 MISCELLANEOUS INSTRUMENT MARKING**

There are additional instruments with following colour marking in the aircraft:

Instrument	Units	Red line	Green arc	Yellow arc	Red line
		Lower limit	Normal operation range	Caution range	Upper limit
Fuel pressure indicator	PSI	2.2	–	–	5.8
Voltmeter	V	10	12.4 – 15.1	10 – 12.4	15.1

#### **2.17 LIMITATIONS PLACARDS**

PASSENGER NOTICE and PASSENGERS WARNING placards are moved on the cockpit canopy.

### **SECTION 3 – EMERGENCY PROCEDURES NOT AFFECTED**

### **SECTION 4 – NORMAL PROCEDURES NOT AFFECTED**

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**SECTION 5 – PERFORMANCE  
NOT AFFECTED**

**SECTION 6 – WEIGHT AND BALANCE  
NOT AFFECTED**

**SECTION 7 – AIRPLANE AND SYSTEM DESCRIPTION**

**7.3.4 ELEVATOR TRIM TAB CONTROL**

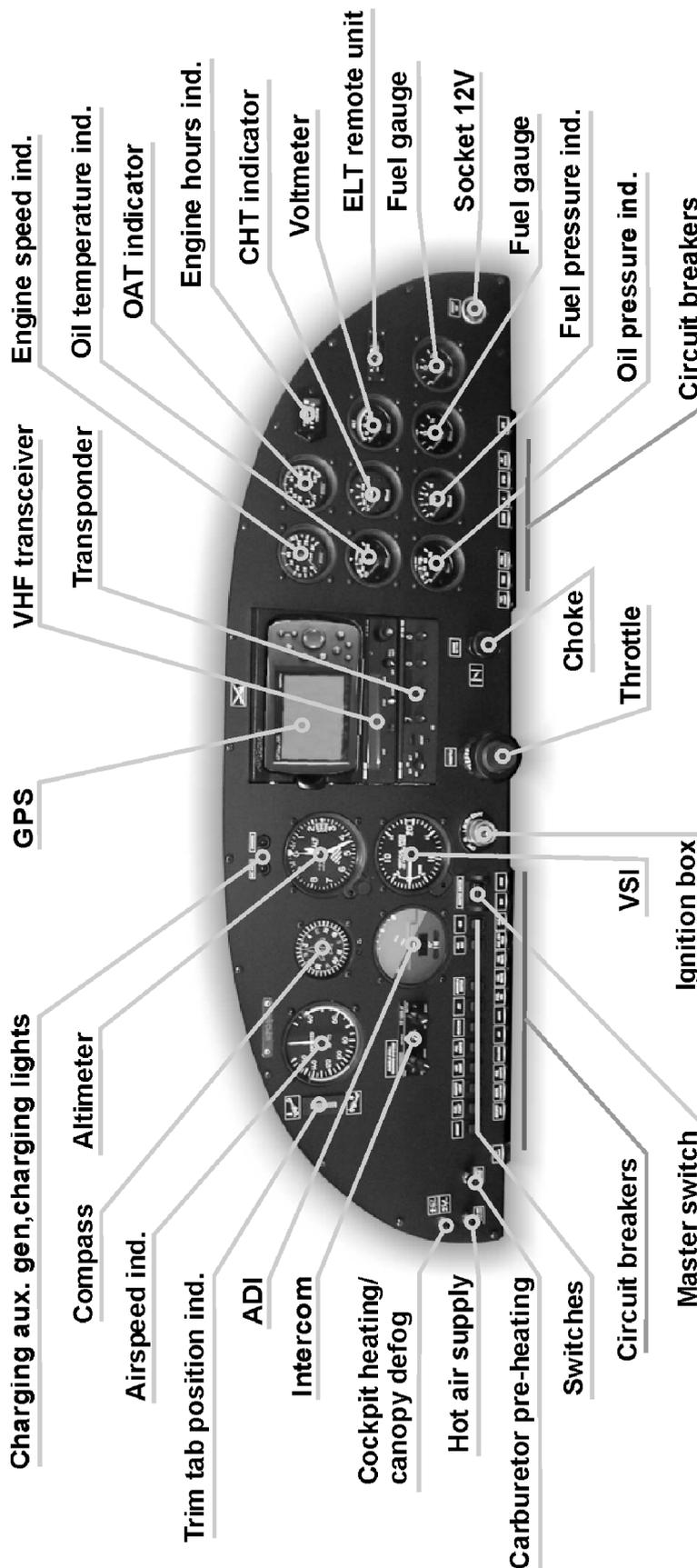
Elevator trim tab control is electric. Control elements are located on the top of the left and right stick. Trim tab position indicator is located on the instrument panel.

**7.4 CONTROLS IN COCKPIT**

Pos. 14 is cancelled. Elevator trim tab control is electric. Control elements are located on the top of the left and right stick.



## 7.5 INSTRUMENT PANEL



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### SWITCHES FROM THE LEFT – SEE INSTRUMENT PANEL

**SOCKET** – if switched on, the socket is under electric power

**FUEL PUMP** – switches on/off the fuel pump

**COCKPIT LIGHT** – switches on/off the cockpit light

**LDG LIGHT** – switches on/off the landing light

**POS LIGHTS** – switches on/off the position lights and instrument lighting

**BEACONS** – switches on/off the beacons

**ADI** – switches on/off the attitude direction indicator

**AVIONICS SWITCH** – switches on/off avionics

**AUX GEN** – switches on/off auxiliary generator

**GEN** – switches on/off generator

**MASTER SWITCH**

### CIRCUIT BREAKERS FROM THE LEFT – SEE INSTRUMENT PANEL

#### Left side of the instrument panel:

**LDG LIGHT** circuit breaker of landing light

**COCKPIT LIGHT** circuit breaker of cockpit light

**INSTR LIGHTING** circuit breaker of instrument lighting

**POS LIGHTS** circuit breaker of position lights

**BEACONS** circuit breaker of beacons

**ADI** circuit breaker of attitude direction indicator

**INSTR** circuit breaker of OAT indicator and voltmeter

**FUEL IND** circuit breaker of fuel indicator and fuel pressure indicator

**ENGINE INSTR** circuit breaker of the oil temperature indicator, oil pressure indicator and cylinder head temperature indicator

**ENGINE INSTR** circuit breaker of the engine speed indicator and engine hours indicator

**AUX GEN FIELD** circuit breaker of auxiliary electric generator field

**AUX GEN** circuit breaker of electric generator

**GEN** circuit breaker of electric generator

**ACCU** circuit breaker of accumulator

#### Right side of the instrument panel:

**FUEL PUMP** circuit breaker of electric auxiliary fuel pump

**TRIM** circuit breaker of electric trim tab position control

**STALL WARNING** circuit breaker of stall warning system

**COMM** circuit breaker of radiostation

**IC** circuit breaker of intercom

**XPDR** circuit breaker of transponder

**ALT ENCOD** circuit breaker of altitude encoder

**GPS** circuit breaker of GPS



### 7.5.1 INSTRUMENTS

No. of installed	Instrument	Type
1	Airspeed indicator	UAI 8000
1	Altimeter	5934P-3
1	Rate-of-climb indicator	UI 7000
1	Compass	PAI-700
1	Outer air thermometer	Mitchell

### 7.5.2 NAVIGATION AND COMMUNICATION EQUIPMENT

No. of installed	Equipment	Type
1	Communication transceiver	KY 97A
1	Transponder	KT 76A with A-30 enc.
1	Intercom	PM 1000 II
1	Horizon with directional gyro	ADI-3
1	GPS	GARMIN 396
1	Emergency locator transmitter	AK-450

#### NOTE

For GPS operating instructions see manual delivered with instrument.

## 7.11 POWER UNIT

### 7.11.3 ENGINE INSTRUMENTS

The following instruments are added:

No. of installed	Equipment	Type
1	Fuel pressure indicator	Mitchell
1	Engine hours indicator	HOBBS
1	Voltmeter	Mitchell

### 7.11.5 ENGINE LUBRICATION SYSTEM

Oil thermostat is added to lubrication system to stabilize oil temperature.

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### 7.13 ELECTRICAL SYSTEM

The auxiliary generator SD 20 is installed on this aircraft.

#### 7.13.1 LIGHTING

The instruments with internal lighting and cockpit light are installed on this aircraft.

### 7.15 SUPPLEMENTARY EQUIPMENT

#### 7.15.3 VENTILATION AND HEATING SYSTEM

The cockpit heating system is equipped with canopy defog system.

### OTHER AIRPLANE EQUIPMENT

There is installed following equipment in the airplane:

- auxiliary electric fuel pump
- double brake system with parking brake
- electric trim tab control
- stall warning system ACI type T1b
- adjustable rudder control pedals
- position lights with beacons Whelen A 600
- landing light Whelen A715
- aerodynamic wheel covers
- cap for oil level check on the upper engine cowling
- upholstered instrument panel cover and baggage compartment
- sun shield in the cockpit

## **SECTION 8 – AIRPLANE HANDLING, SERVICING AND MAINTENANCE NOT AFFECTED**