



SUPPLEMENT No. 20

NIGHT VFR OPERATION

Registration mark: **N66AV**
Serial number: **2006-0810**

This Supplement must be contained in the Aircraft Operating Instructions if aircraft is approved for operation according to night visual flight rules (NVFR).

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.



AIRCRAFT OPERATING INSTRUCTIONS
Doc. No. SSM2008AOIUSS20

RECORD OF REVISIONS

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



Section 1 - GENERAL

This Supplement adds information necessary for airplane operation according to NVFR.

Section 2 – LIMITATIONS

2.12 Kinds of operation

The aircraft is approved for day / night VFR flights.

WARNING

NIGHT FLIGHTS ACCORDING TO VFR ARE APPROVED ONLY WHEN INSTRUMENTATION REQUIRED FOR SUCH FLIGHTS IS INSTALLED AND FLIGHT PERFORMED BY A PILOT WITH APPROPRIATE RATING! INTENTIONAL FLIGHTS UNDER ICING CONDITIONS ARE PROHIBITED.

Instruments and equipment for day / night flights according to VFR:

- 1 Airspeed indicator (the color marking according to par. 2.3. AOI)
- 1 Sensitive barometric altimeter
- 1 Magnetic compass
- 1 Engine speed indicator
- 1 Oil pressure indicator
- 1 Cylinder head temperature indicator
- 1 Oil temperature indicator
- 1 Fuel gauge indicator
- 1 Anticollision light system
- 1 Safety harness for every used seat
- 1 Emergency locator transmitter
- 1 Approved position lights
- 1 Landing light

CAUTION

ADDITIONAL EQUIPMENT NECESSARY FOR AIRCRAFT OPERATION IS GIVEN IN APPROPRIATE OPERATION REGULATION OF AIRCRAFT OPERATOR'S COUNTRY.



AIRCRAFT OPERATING INSTRUCTIONS
Doc. No. SSM2008AOIUSS20

2. 17 Limitation placards

The following placard is located on the tilting canopy:

This Light Sport Aircraft has been approved only for day/night VFR flights under no icing conditions.	
Aerobatics and intentional spins are prohibited!	
AIRSPPEED IAS	
Never exceed	146 kts
Manoeuvring	86 kts
Max. Flap Extended	70 kts
Stalling	38 kts
ENGINE SPEED	
Max. Take-off (max. 5 min.)	5800 rpm
Max. Continuous	5500 rpm
Idling	1400 rpm
Unusable quantity of fuel	0.5 USgal

Section 3 - EMERGENCY PROCEDURES
Not affected

Section 4 - NORMAL PROCEDURES
Not affected

Section 5 – PERFORMANCE – Not affected

Section 6 - WEIGHT AND BALANCE - Not affected



Section 7 - AIRPLANE AND SYSTEM DESCRIPTION – Not affected

**Section 8 - AIRPLANE HANDLING, SERVICING
AND MAINTENANCE – Not affected**



AIRCRAFT OPERATING INSTRUCTIONS
Doc. No. SSM2008AOIUSS20

Intentionally left blank