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**SUPPLEMENT NO. 6 TO THE  
AIRPLANE FLIGHT MANUAL  
FOR THE POWERED SAILPLANE  
HK 36 TTC**

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**OPERATION IN RUSSIA**

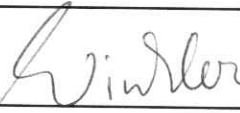
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Authority: AUSTRO CONTROL \_\_\_\_\_

Signature:  \_\_\_\_\_

Stamp:  \_\_\_\_\_

Date of Approval: 24. JAN. 2002 \_\_\_\_\_

This Powered Sailplane must be operated in compliance with the information and limitations contained herein.

Prior to operating the Powered Sailplane, the Pilot must take notice of all the information contained in this Airplane Flight Manual.

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## 0.1 RECORD OF REVISIONS

Revision Number	Section	Pages	Date of Revision	Remarks of Approval	Date of ACG Approval	Date Inserted	Initials / Signature

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# SECTION 1

## GENERAL

### 1.1 INTRODUCTION

Pages 9-6-1 through 9-6-15 constitute Supplement No. 6 to the Airplane Flight Manual for the Powered Sailplane HK 36 TTC and are valid only for the operation of the Powered Sailplane in Russia.

Operation of the Powered Sailplane in Russia requires the Pilot to take notice of specific limitations and information. These are given in this Supplement.

### 1.2 CERTIFICATION BASIS

The HK 36 TTC is certified in Russia in accordance with the "Airworthiness Criteria for Powered Gliders".

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## SECTION 2

# LIMITATIONS

### 2.14 OTHER LIMITATIONS

#### Temperature range

The Powered Sailplane may only be operated in the following temperature range:

Minimum take-off temperature: - 25 °C OAT (on the ground)

Maximum take-off temperature: + 38 °C OAT (on the ground)

#### Headwind and tailwind

Take-off and landing with headwind exceeding 10 meters per second are prohibited.

Take-off and landing with tailwind are prohibited.

#### Runways and taxiways

The use of unpaved runways and taxiways with a strength below 7 kg/cm<sup>2</sup> is prohibited.

### CAUTION

Operation of the Powered Sailplane from snowed unpaved airfields as well as from paved runways covered with snow, slush or water is prohibited.

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## SECTION 3

# EMERGENCY PROCEDURES

### 3.1 INTRODUCTION

The emergency procedures remain unchanged.

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## SECTION 4

# NORMAL PROCEDURES

### 4.5 NORMAL PROCEDURES AND RECOMMENDED SPEEDS

#### 4.5.4 APPROACH AND DESCENT

The checklist in the main part of the Airplane Flight Manual is replaced by the following checklist:

1. Throttle control . . . . . reduce power as required

#### **WARNING**

When setting the power in turbulent air, make sure not to exceed  $v_{RA}$ .

2. Carburetor heat . . . . . ON if required

#### **NOTE**

Always turn the carburetor heat ON during descent and approach with idle power if the outside air temperature is below 5 °C.

3. Trim . . . . . adjust as required
4. Air brakes . . . . . apply as required

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## SECTION 5

# PERFORMANCE

### 5.1 INTRODUCTION

The performance data remains unchanged.

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## SECTION 6

# MASS (WEIGHT) AND BALANCE / EQUIPMENT LIST

### 6.1 INTRODUCTION

The mass and balance data remains unchanged.

### 6.9 EQUIPMENT LIST

Equipment required for operation in Russia

The flight instruments listed in the Minimum Equipment List in the main part of the Airplane Flight Manual must be calibrated in metric units.

Operation in Russia requires the following additional equipment:

- 1 Attitude Gyro
- 1 Direction Gyro
- 1 COM radio

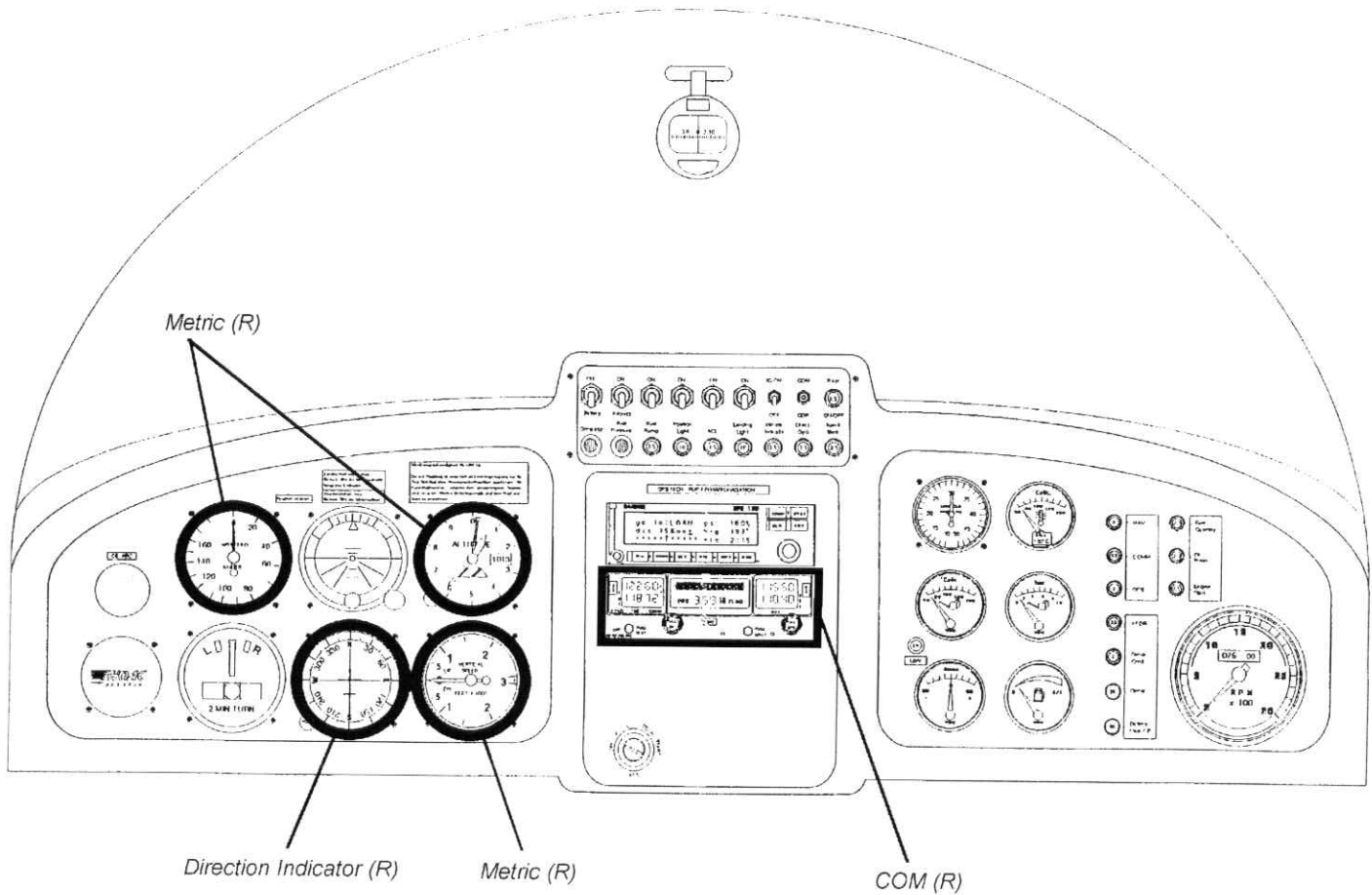
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## SECTION 7

# POWERED SAILPLANE AND SYSTEMS DESCRIPTION

### 7.8 COCKPIT

Cockpit layout for operation in Russia



(R) .... required for operation in Russia

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## 7.14 PLACARDS

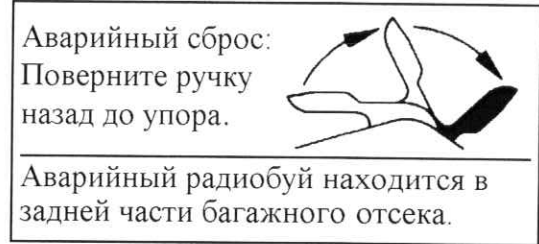
The placards remain unchanged except for the following:

(a) On the canopy frame:

behind left canopy release lever:



behind right canopy release lever:



(b) The following additional placard must be attached where it is well visible for both Pilots:

mm Hg	mbar	mm Hg	mbar
525	700	710	947
550	733	720	960
575	767	730	973
600	800	740	987
625	833	750	1000
650	867	755	1007
660	880	760	1013
670	893	765	1020
680	907	770	1027
690	920	775	1033
700	933	780	1040

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## SECTION 8

### POWERED SAILPLANE HANDLING, CARE AND MAINTENANCE

#### 8.2 POWERED SAILPLANE INSPECTION PERIODS

At every scheduled inspection, the vent bore in the fuel tank filler must be checked for blockage.

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