

Certificate No:

PR 048694/010

UNITED KINGDOM
CIVIL AVIATION AUTHORITY

PERMIT TO FLY



Nationality and Registration Marks	Constructor and Constructor's Designation of Aircraft	Aircraft Serial Number
G-BXJB	INTREPRINDEREA DE AVIOANE BACAU YAK-52	877403
Engine Type: IVCHENKO VEDENEYEV M-14P Propeller Type: V-530TA-D35		
<p>This Permit to Fly, issued pursuant to the Air Navigation Order, hereby permits this aircraft to fly within United Kingdom airspace only without a Certificate of Airworthiness being in force in respect thereof. This permission for flight within United Kingdom airspace does not constitute a Certificate of Airworthiness issued pursuant to the Convention on International Civil Aviation dated 7 December 1944.</p> <p>This Permit to Fly is issued subject to the associated Conditions</p> <p>EXEMPTION</p> <p>The Civil Aviation Authority in exercise of its powers under the Air Navigation Order, hereby exempts this aircraft from the provisions of the said Order which prohibits an aircraft flying in accordance with the conditions of a Permit to Fly, from flying on any flight which does not begin and end in the United Kingdom without passing over any other country. This exemption is granted subject to the condition that before flying within any other country, permission is obtained from the appropriate authority of that country.</p> <p>A CERTIFICATE OF VALIDITY FORMS PART OF THIS PERMIT TO FLY</p> <p>The Certificate of Validity will be issued or renewed by the Civil Aviation Authority, upon being satisfied with the design, construction and airworthiness of the aircraft. The Certificate of Validity will remain valid for the period prescribed from the date of issue.</p> <p>Date: 7 DECEMBER 2005</p> <p> for the Civil Aviation Authority</p>		

No entries or endorsements may be made on this Permit or the Certificate of Validity except by an authorised person. If either document is lost, the Civil Aviation Authority should be informed at once. Any person finding these documents should forward them immediately to the Civil Aviation Authority, Safety Regulation Group, Aviation House, South Area, Gatwick Airport, West Sussex, RH6 0YR, 960 290703

**UNITED KINGDOM
CIVIL AVIATION AUTHORITY**



Dated: 7 DECEMBER 2005

**CONDITIONS OF
PERMIT TO FLY NO PR 048694/010**

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<p>Where relevant, the Conditions associated with this Permit supersede those specified in the manufacturers' operating limitations.</p> <ol style="list-style-type: none"> 1. The aircraft shall not be flown over any assembly of persons or any congested area of a city, town or settlement, except to the extent necessary in order to take-off and land at a Government or licensed aerodrome in accordance with normal aviation practice. 2. A Permit Maintenance Release shall be issued as appropriate in accordance with BCAR A3-7. 3. The aircraft shall be maintained in an airworthy condition. 4. The aircraft shall be operated in accordance with the current procedures and limitations contained in the appropriate technical publications and manufacturers' instructions for the type and model of aircraft. 5. Maximum Number of Occupants <ol style="list-style-type: none"> 5.1 Maximum number of occupants authorised to be carried (including crew): Two, but see Operating Limitation No. 8. 5.2 The minimum flight crew is: One pilot(s). 6. The aircraft must be operated in compliance with the following operating limitations, which shall be displayed in the crew compartment by means of placards or instrument markings: <ol style="list-style-type: none"> 6.1 Aerobatic Limitations Aerobatics and spinning are permitted except as detailed below: Aerobatics are prohibited: <table style="margin-left: 20px;"> <tr> <td style="padding-right: 20px;">a)</td> <td>with flaps and/or landing gear extended</td> </tr> <tr> <td style="padding-right: 20px;">b)</td> <td>with a fuel load of 20 litres or less</td> </tr> </table> Manoeuvre load limits: +7g / -5g <p>WARNING: This aircraft reproduces many of the deficiencies in stability and/or control of the original type design, therefore all manoeuvres likely to lead to an inadvertent departure from controlled flight are prohibited.</p> <ol style="list-style-type: none"> 6.2 Engine Limitations <table style="margin-left: 20px;"> <tr> <td style="padding-right: 20px;">Maximum RPM:</td> <td>100% (5 minutes maximum)</td> </tr> <tr> <td style="padding-right: 20px;">Maximum Continuous:</td> <td>82% (See also Pilot's Notes)</td> </tr> </table> 			a)	with flaps and/or landing gear extended	b)	with a fuel load of 20 litres or less	Maximum RPM:	100% (5 minutes maximum)	Maximum Continuous:	82% (See also Pilot's Notes)
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CIVIL AVIATION AUTHORITY**



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<p>6.3 Air speed Limitations</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Never Exceed Speed (V_{NE}):</td> <td>420 km/hr (226 knots)</td> </tr> <tr> <td>Maximum Manoeuvring Speed (V_A):</td> <td>360 km/hr (194 knots)</td> </tr> <tr> <td>Maximum Speed Flaps Extended (V_{FE}):</td> <td>170 km/hr (91 knots)</td> </tr> <tr> <td>Maximum Speed Gear Extended (V_{LE}):</td> <td>200 km/hr (108 knots)</td> </tr> </table> <p>6.4 Other Limitations</p> <p>Smoking in the aircraft is prohibited. Solo flight from front cockpit only. Maximum permitted altitude: 10,000 feet</p> <p>7. Loading Limitations</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 40%;">Maximum Take-off Weight:</td> <td>1315 kg (2899 lb)</td> </tr> <tr> <td>Centre of Gravity Limitations:</td> <td>One Pilot: 17.5% - 27% MAC Two Pilots: 23.0% - 27% MAC</td> </tr> </table> <p>This corresponds to: 1880 mm to 2035 mm (74.00 inches to 80.14 inches) forward of datum (One Pilot) 1970 mm to 2035 mm (77.55 inches to 80.14 inches) forward of datum (Two Pilots)</p> <p>Where the datum is the foremost face of the outer rim of the engine cowling.</p> <p>8. When Modification No. M/9372 (installation of the Smoke Generating System) is in use the aircraft is limited to single pilot operation.</p> <div style="text-align: center; margin-top: 20px;">  _____ for the Civil Aviation Authority </div>			Never Exceed Speed (V_{NE}):	420 km/hr (226 knots)	Maximum Manoeuvring Speed (V_A):	360 km/hr (194 knots)	Maximum Speed Flaps Extended (V_{FE}):	170 km/hr (91 knots)	Maximum Speed Gear Extended (V_{LE}):	200 km/hr (108 knots)	Maximum Take-off Weight:	1315 kg (2899 lb)	Centre of Gravity Limitations:	One Pilot: 17.5% - 27% MAC Two Pilots: 23.0% - 27% MAC
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