

Certificate No:

**PR033831/007**

**UNITED KINGDOM  
CIVIL AVIATION AUTHORITY  
PERMIT TO FLY**



Nationality and Registration Marks	Constructor and Constructor's Designation of Aircraft	Aircraft Serial Number
<b>G-BRRA</b>	<b>VICKERS-ARMSTRONGS LTD SPITFIRE LF IX C</b>	<b>CBAF 8185</b>
<b>Engine Type: PACKARD MOTOR CAR CO MERLIN 266</b> <b>Propeller Type: DOWTY ROTOL R12/4F5/4</b>		
<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><b>This Permit to Fly is issued subject to the Conditions listed on subsequent pages.</b></p> <p><b>A CERTIFICATE OF VALIDITY FORMS PART OF THIS PERMIT TO FLY</b></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: .....</p> <p style="text-align: right;">..... 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, Aviation House, Beehive Ring Road, Crawley, West Sussex, RH6 0YR.

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**EXEMPTION**

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.**

**Where relevant, the Conditions associated with this Permit supersede those specified in the manufacturers' operating limitations.**

1. Aircraft must not be flown over any assembly of persons or any congested area of a city or town, except:
  - i. to the extent necessary in order to take-off and land in accordance with normal aviation practice; or
  - ii. when operating in accordance with an appropriate air traffic control instruction or routing; or
  - iii. with the permission of the Civil Aviation Authority.
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.

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<p>5. The aircraft shall be operated in accordance with the relevant Pilots Notes, Aircrew Manual or the manufacturer's prescribed operating limitations and requirements. The aircraft shall be operated in accordance with CAP 632 (Operation of 'Permit-to-Fly' Ex-Military Aircraft on the UK Register)</p> <p>6. Aircraft shall be maintained by an organisation approved in accordance with BCAR A8-23/24 and managed by an organisation approved in accordance with BCAR A8-25.</p> <p>7. The aircraft shall be maintained in accordance with an approved maintenance programme as specified in BCAR Section A, Chapter A3-7.</p> <p>8. <b><u>Maximum Number of Occupants:</u></b></p> <p>8.1 Maximum number of occupants authorised to be carried (including crew): 1 occupant</p> <p>8.2 The minimum flight crew is: 1 pilot(s).</p>		

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9. 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:

**9.1 Aerobatic Limitations:**

Aerobatic manoeuvres are permitted in accordance with the Pilots Notes with the exception of flick manoeuvres and the following prohibited manoeuvres:

- a) Flick rolls
- b) Spinning
- c) Outside Loop
- d) Sustained Inverted Flight
- e) Sustained Flight of Less Than 1G

Entry speeds to be in accordance with Pilots Notes.

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**9.2 Engine Limitations:**

	Duration	RPM	Boost (PSI)	Coolant Temp (°C)	Oil Temp (°C)
<b>Max. Take-off</b>	To 1000ft	3000	+18	40°C min 135°C max	15°C min 105°C max
<b>Max. Climb (MS)</b>	60 Mins	2850	+12	125°C	90°C
<b>Max. Cont. MS</b>	-	2650	+7	105°C (115°C)	90°C
<b>Operational Necessity</b>	5 Mins	3000	+18	135°C	105°C

(Figures in brackets are permissible for short periods).

Oil pressure - minimum in flight 30 psi

Oil pressure normal: 60-90 psi

Fuel pressure max cruise: 14-16 psi

Min temps for take-off - Oil 15°C / coolant 60°C

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<p><b>9.3 <u>Air speed Limitations:</u></b></p> <p>Maximum Dive IAS (Vne) 348 mph / (302 kts)            Maximum IAS Flaps extended (VFE) 160 mph / (139 kts)            Gear Down 160 mph / (139 kts)</p> <p><b>9.4 <u>Loading Limitations:</u></b></p> <p>Maximum total weight authorised: 3250kg (7165 lbs)            CG range +3.5 in to +7.0 in (aft of datum) for all forms of flying            The Datum point is placarded on the exterior of the aircraft in line with frame 5.            No baggage is permitted.</p> <p><b>10. <u>Other Limitations:</u></b></p> <p>The aircraft shall be flown by day in visual meteorological conditions only.            Smoking in the aircraft is prohibited            Altitude limit 10,000ft.            Intentional Spinning Prohibited            Oxygen System Inoperative            Sustained Flight of Less Than 1G is prohibited</p> <p style="text-align: right;">..... for the Civil Aviation Authority</p>		