

**FLYING START AND ASSOCIATES
AVIATION SERVICES**

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OPERATING INSTRUCTIONS G-IBZS C182

START UP

MIXTURE RICH
PRIME 6 SECONDS
MIXTURE LEAN
THROTTLE SET

AFTER START

MIXTURE RICH
MIXTURE 7 HALF TURNS TO LEAN

TAKE OFF

COWLS OPEN

LEVEL FLIGHT

THROTTLE SET MANIFOLD - 23 INCHES
PROPELLER SET - 2300 RPM
MIXTURE SET 9 HALF TURNS TO LEAN = 13.5 GALL FLOW RATE
COWLS CLOSED - TOP OF CLIMB OIL TEMP 180
CYL TEMP 400
EGT - YELLOW

INDICATED AIRSPEED 130 KNOTS

Compiled as a guide only.

Merrick Chrusciel. Qualified Flying Instructor
UK Civil Aviation Approved
Upper Freeman Guild of Air Pilots and Navigators. GAPAN

FLYING TRAINING - VARIABLE PITCH PROPELLERS

TAKE OFF

MIXTURE RICH---PITCH FINE---POWER SET MAXIMUM.

CLIMBING

POWER SET 25 IN HG---PITCH 2500 RPM.

LEVEL FLIGHT

POWER SET 22 IN HG---PITCH 2400 RPM---MIXTURE FLOW SET.

DESCENDING

MIXTURE RICH---POWER SET 18 IN HG.

PRE-LANDING CHECKS

MIXTURE RICH---PITCH FINE.

FINAL APPROACH CHECKS

MIXTURE RICH--PITCH FINE--UNDER CARRIAGE DOWN [3 GREENS]