

4.4 WEIGHT AND BALANCE REPORT - MODEL 8KCAB (180 HP)

DATE 30 NOVEMBER 2012 ISSUE 2

A/C SERIAL NO. 1033-2007 A/C REGISTRATION NO. VH-UPG

TOTAL AIRCRAFT EMPTY WEIGHT INCLUDING UNUSEABLE FUEL AND FULL OIL

**with wheel fairings** \_\_\_\_\_ (617 kg) \_\_\_\_\_ 1360 \_\_\_\_\_ lb.

AIRCRAFT EMPTY MOMENT: \_\_\_\_\_ (199537 kg.mm) \_\_\_\_\_ 17319 \_\_\_\_\_ in. - lb.

AIRCRAFT EMPTY C.G.: \_\_\_\_\_ (323 mm) \_\_\_\_\_ 12.7 \_\_\_\_\_ in. aft datum

USEFUL LOAD: \_\_\_\_\_ (268 kg) \_\_\_\_\_ 590 \_\_\_\_\_ lb.

TOTAL AIRCRAFT EMPTY WEIGHT INCLUDING UNUSEABLE FUEL AND FULL OIL

**no wheel fairings** \_\_\_\_\_ (612 kg) \_\_\_\_\_ 1350 \_\_\_\_\_ lb.

AIRCRAFT EMPTY MOMENT: \_\_\_\_\_ (199537 kg.mm) \_\_\_\_\_ 17319 \_\_\_\_\_ in. - lb.

AIRCRAFT EMPTY C.G.: \_\_\_\_\_ (326 mm) \_\_\_\_\_ 12.8 \_\_\_\_\_ in. aft datum

USEFUL LOAD: \_\_\_\_\_ (272 kg) \_\_\_\_\_ 600 \_\_\_\_\_ lb.

DATUM: Wing Leading Edge.

LEVELING MEANS: Drop plumb line from wing leading edge such that plumb

line is 12.18 in. forward of front face of fuselage -

strut attach fitting.

See Service Manual for Weighing Procedure.

<b>APPROVED</b>	
Issue <u>2</u>	Date <u>30/11/12</u>
Authorised Person <u>D.J. Pilkington</u>	
Signed <u>David J. Pilkington</u>	
<b>APPROVAL AV71</b>	