

Port scrap view showing fresh air scoop fitted to some aircraft Wing-tip extensions as fitted to S/N 119 ZK-CPW increased span to 36' Starboard scrap view showing flap linkage access panel and venturi for instrument vacuum D [[ .... Some aircraft were operated with no ۲ 6 spinner fitted Plan view of YA-1 Cropmaster 250 S/N 106 VH-CYW May 1962 configuration ••• C  $\mathbb{D}$ Aerofoil section at root NACA 2215 ۲ Dimensions: 0 Wing span 34 ft Length 26 ft 6 in Maximum flap deflection 40° Height (tail down) 9 ft З'n Wheel track 8 ft Wing area 178.5 sq ft Wing dihedral 5° Wing incidence (root) Wing incidence (tip) 3.5° 0.5° Wing LE sweep 3.8° 口 Wing chord (root) 85 in  $\mathbb{D}$ Wing aspect ratio 7.67 12 ft 2 in Tailplane span Plan view showing 3-piece framed canopy used on production aircraft Control surface deflections: References: Ailerons: 30° up / 15° down 1. YA-1 Cropmaster Pilot's Manual 2. YA-1 Cropmaster Maintenance & Repair Manual Rudder: 27° left / 27° right All-moving tail plane: 3. Measurements of components of VH-AGL, VH-TPN and VH-ENM at the Australian National 23° up / 23° down Aviation Museum, Moorabbin. Up / 20°/ 30°/ 40° down Flaps: Acknowledements: These drawings could not have been prepared without Allyn Eckford's support and attention DRAFT ONLY to detail. Thanks also to Fred Burke, Ben Dannecker, Michael Ellis for contributions comments and corrections. Yeoman Aviation YA-1 Cropmaster 250 1959-67 Metres 2 3 1 Drawn by Derek Buckmaster © 2003 for the DB Design Bureau website

Feet 1

**HERE A** 

Scale 1:48

Plate 2 of 4

2 3 4 5 6 7 8 9 10 11 12 13



