

CONTROLS  
AUTOMATIC PILOT

| Part No.    | Description                                          | No.<br>off | Material<br>Specification | Class<br>of<br>Eqpt<br>M.R.<br>or<br>L.M. | Plate  |   |
|-------------|------------------------------------------------------|------------|---------------------------|-------------------------------------------|--------|---|
|             | 1 2 3 4 5 6                                          |            |                           |                                           |        |   |
|             | CONTROLS, AUTOMATIC PILOT (EB8.46.1)                 | -          | -                         | -                                         | -      |   |
|             | Spares for:                                          |            |                           |                                           |        |   |
| 114EAP      | AMPLIFIER, Mk 10 type A                              | 1          | -                         | P                                         | CA1/1  |   |
| -           | BALANCE, Spring, Bob Weight Assembly<br>(EB8.46.331) | -          | -                         | -                                         | -      |   |
|             | Spares for:                                          |            |                           |                                           |        |   |
| EB8.46.293  | BOX, Spring, Assembly (Pre Mod 5000<br>ALT SB/9/077) | 2          | -                         | L                                         | -      | R |
| EB8.46.409  | BOX, Spring, Assembly (Mod 5000<br>ALT SB/9/077)     | 2          | -                         | L                                         | CA2/1  | R |
|             | Spares for:                                          |            |                           |                                           |        |   |
| EB8.46.317  | END, pivot (Pre Mod 5000<br>ALT SB/9/077)            | 2          | L65                       | C                                         | -      | R |
| EB8.46.407  | END, pivot (Mod 5000 ALT SB/9/077)                   | 2          | -                         | C                                         | CA2/2  | R |
| EEAS3/B     | HOUSING, bearing (Mod 5000 ALT<br>SB/9/077)          | 2          | -                         | C                                         | -      | R |
| EB8.00.444  | ROD, connecting, c/w spring stop                     | 2          | -                         | C                                         | CA2/3  |   |
| EB8.46.291  | SPRING                                               | 2          | DTD215                    | C                                         | CA2/4  |   |
|             | Attachment of spring box to lever and<br>bracket     |            |                           |                                           |        |   |
| A25/12E     | Bolt, 1/4in. BSF                                     | 2          | -                         |                                           | CA2/5  |   |
| A27/CS      | Nut, slotted, 2BA                                    | 2          | -                         | C                                         | CA2/6  |   |
| A27/ES      | Nut, slotted, 1/4in. BSF                             | 2          | -                         | C                                         | CA2/7  |   |
| SP90/C5     | Pin, split 1/16in. dia.                              | 2          | -                         | C                                         | CA2/8  |   |
| SP90/C8     | Pin, split, 1/16in. dia.                             | 2          | -                         | C                                         | CA2/9  |   |
| SP15/E      | Washer                                               | 2          | -                         | C                                         | CA2/10 |   |
| 145EAP      | BOX, junction, type A                                | 1          | -                         | P                                         | CA1/2  |   |
| 6TB/1862    | CARD, link setting - Amplifier                       | 1          | -                         | C                                         | CA1/3  |   |
| 6TB/432     | CARD, link setting - Auto approach                   | 1          | -                         | C                                         | CA1/4  |   |
| 6TB/433     | CARD, link setting - Height section                  | 1          | -                         | C                                         | CA1/5  |   |
| 6TB/434     | CARD, link setting - Heading selector                | 1          | -                         | C                                         | CA1/6  |   |
| 122EAP      | CONDENSER UNIT, type A                               | 1          | -                         | P                                         | CA1/7  |   |
| 129EAP      | CONTROLLER, pilots, type A                           | 1          | -                         | P                                         | CA1/8  |   |
| 135EAP      | COUPLING, UNIT, auto approach, type B                | 1          | -                         | P                                         | CA1/9  |   |
| 147EAP      | CUT-OUT, roll error                                  | 1          | -                         | P                                         | CA1/10 |   |
| 6TB/1648    | GYRO UNIT, type B                                    | 1          | -                         | P                                         | CA1/11 |   |
|             | Attachment of gyro unit to equipment<br>upper bay    |            |                           |                                           |        |   |
| AGS2001/E1  | Nut, stiff, 1/4in. BSF                               | 2          | -                         | C                                         | CA1/12 |   |
| EB8.81.4807 | Stud                                                 | 1          | -                         | C                                         | CA1/13 |   |
| EB8.81.4809 | Stud                                                 | 2          | S93                       | C                                         | CA1/14 |   |
| 131EAP      | INDICATOR, remote trim, type A                       | 1          | -                         | P                                         | CA1/15 |   |
| EB8.81.5951 | LEAD, bonding (Mod 3828)                             | 1          | -                         | LM                                        | -      |   |
|             | Attachment of bonding lead to structure              |            |                           |                                           |        |   |
| A25/3C      | Bolt, 2BA                                            | 1          | -                         | C                                         | -      |   |
| A27/CP      | Nut, 2BA                                             | 1          | -                         | C                                         | -      |   |
| AGS2001/C1  | Nut, stiff                                           | 1          | -                         | C                                         | -      |   |
| SP13/C      | Washer                                               | 1          | -                         | C                                         | -      | R |

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Canberra P R Mk 9

| Part No.   | Description                                       | No.<br>off | Material<br>Specification | Class<br>of<br>Eqpt<br>M.R.<br>or<br>L.M. | Plate  |
|------------|---------------------------------------------------|------------|---------------------------|-------------------------------------------|--------|
|            | 1 2 3 4 5 6                                       |            |                           |                                           |        |
|            | INSTALLATION in Rear Fuselage (EB8.46.5)          | -          | -                         | -                                         | -      |
|            | Spares for:                                       |            |                           |                                           |        |
| EB8.46.27  | BRACKET, mounting, rudder servo                   | 1          | -                         | L                                         | CA2/11 |
| EB8.46.269 | BRACKET, Mounting, Elevator Servo Group.          | 1          | -                         | L                                         | CA2/12 |
|            | Spares for:                                       |            |                           |                                           |        |
| EB8.46.329 | BLOCK, stop                                       | 1          | L65                       | C                                         | CA2/13 |
|            | Attachment of block to mounting                   |            |                           |                                           |        |
| A25/4C     | Bolt, 2BA                                         | 2          | -                         | C                                         | CA2/14 |
| AGS2001/C1 | Nut, 2BA                                          | 2          | -                         | C                                         | CA2/15 |
| SP15/C     | Washer, 2BA                                       | 2          | -                         | C                                         | CA2/16 |
| EB8.46.281 | STOP, travel                                      | 1          | DTD683                    | C                                         | CA2/17 |
|            | Attachment of stop to mounting                    |            |                           |                                           |        |
| A25/10E    | Bolt, 1/4in. BSF                                  | 1          | -                         | C                                         | CA2/18 |
| A27/EP     | Nut, 1/4in. BSF                                   | 1          | -                         | C                                         | CA2/19 |
|            | Attachment of brackets to pedestal                |            |                           |                                           |        |
| A25/2C     | Bolt, 2BA                                         | 12         | -                         | C                                         | CA2/20 |
| SP13/C     | Washer, 2BA                                       | 12         | -                         | C                                         | CA2/21 |
| EB8.46.371 | GUARD, elevator servo lever                       | 1          | L65                       | C                                         | CA2/22 |
|            | Attachment of guard to pedestal                   |            |                           |                                           |        |
| A25/2C     | Bolt, 2BA                                         | 4          | -                         | C                                         | CA2/23 |
| SP16/C     | Washer, 2BA                                       | 4          | -                         | C                                         | CA2/24 |
| EB8.46.325 | LEVER, elevator, servo c/w ballrace               | 1          | -                         | L                                         | CA2/25 |
| EB8.46.17  | LEVER, rudder servo c/w ballrace                  | 1          | -                         | L                                         | CA2/26 |
|            | Attachment of levers to servos                    |            |                           |                                           |        |
| EB8.46.259 | Bolt, driving                                     | 6          | S96                       | C                                         | CA2/27 |
| A27/CS     | Nut, 2BA                                          | 6          | -                         | C                                         | CA2/28 |
| SP90/C8    | Pin, split, 1/16in. dia.                          | 6          | -                         | C                                         | CA2/29 |
| 11EAP      | MOUNTING, servo motor, type A                     | 2          | -                         | P                                         | CA2/30 |
| 384EAP     | SERVO MOTOR, type B                               | 2          | -                         | P                                         | CA2/31 |
|            | Attachment of mounting and servo motor to bracket |            |                           |                                           |        |
| A25/3E     | Bolt, 1/4in. BSF                                  | 6          | -                         | C                                         | CA2/32 |
| A25/11E    | Bolt, 1/4in. BSF (Elevator stop block)            | 1          | -                         | C                                         | CA2/33 |
| A27/ES     | Nut, slotted, 1/4in. BSF                          | 6          | -                         | C                                         | CA2/34 |
| SP90/C8    | Pin, split, 1/16in. dia.                          | 6          | -                         | C                                         | CA2/35 |

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|------------------------------------------------------|-------------------------------------------------------------|------------|---------------------------|-------------------------------------------|----------|
|                                                      | 1 2 3 4 5 6                                                 |            |                           |                                           |          |
| EB8.46.201x5                                         | STRUT, Spring, Elevator Assembly<br>(Mod 4824 Pre Mod 5285) | 1          | -                         | P                                         | CA2/36   |
| EB8.46.201x6                                         | STRUT, Spring, Elevator Assembly<br>(Mod 5285)              | 1          | -                         | P                                         | CA2/37   |
|                                                      | Spares for:                                                 |            |                           |                                           |          |
| EB8.46.207                                           | CAP, End Group                                              | 1          | -                         | L                                         | CA2/38   |
|                                                      | Spares for:                                                 |            |                           |                                           |          |
| Mag Bronze Co<br>CT.173                              | BUSH "oilite", 9/16in. O/D x<br>7/16in. I/D x 3/8in. long   | 1          | -                         | C                                         | CA2/39   |
| EB8.46.227                                           | CAP, spring                                                 | 2          | DTD5054                   | C                                         | CA2/40   |
| EB8.46.229                                           | FORKEND complete (Pre Mod 4930)                             | 1          | -                         | C                                         | CA2/41   |
| EB8.46.401                                           | FORKEND, complete (Mod 4930)                                | 1          | -                         | C                                         | CA2/42   |
| EB8.46.217                                           | LOCKNUT                                                     | 4          | DTD5054                   | C                                         | CA2/43   |
| EB8.46.221                                           | SPRING                                                      | 2          | DTD215                    | C                                         | CA2/44   |
| Dowty<br>DN1322Z Mk.2<br>or<br>Dowty<br>DN1322Z Mk.3 | SWITCH, micro (Mod 4824)                                    | 1          | -                         | L                                         | CA2/45 R |
|                                                      | SWITCH, micro                                               | 1          | -                         | L                                         | CA2/45 R |
|                                                      | Attachment of micro switch to<br>strut                      |            |                           |                                           |          |
| A25/9B                                               | Bolt, 4BA                                                   | 2          | -                         | C                                         | CA2/46   |
| AGS2001/B1                                           | Nut, stiff 4BA                                              | 2          | -                         | C                                         | CA2/47   |
| SP15/B                                               | Washer                                                      | 2          | -                         | C                                         | CA2/48   |
|                                                      | Attachment of strut to levers                               |            |                           |                                           |          |
| A25/7E                                               | Bolt, 1/4in. BSF                                            | 2          | -                         | C                                         | CA2/49   |
| A27/ES                                               | Nut, slotted, 1/4in. BSF                                    | 2          | -                         | C                                         | CA2/50   |
| SP90/C8                                              | Pin, split, 1/16in. dia                                     | 2          | -                         | C                                         | CA2/51   |
| EB8.46.347                                           | TUBE, Control, Rudder, Group (Pre<br>Mod 4930)              | 1          | -                         | L                                         | CA2/52   |
| EB8.46.399                                           | TUBE, Control, Rudder, Group (Mod<br>4930, Pre Mod 5473)    | 1          | -                         | -                                         | CA2/53   |
| EB8.46.403                                           | TUBE, Control, Rudder, Group<br>(Mod 5473)                  | 1          | -                         | -                                         | CA2/54   |
|                                                      | Spares for:                                                 |            |                           |                                           |          |
| EB8.46.351                                           | FITTING, adjuster                                           | 1          | DTD683                    | C                                         | CA2/55   |
| EEAS131/2                                            | FORKEND                                                     | 1          | DTD683                    | C                                         | CA2/56 R |

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Canberra P R Mk 9

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|---------------------|----------------------------------------------------------------------------------------------------------------------|------------|---------------------------|-------------------------------------------|--------|---|
|                     | 1 2 3 4 5 6                                                                                                          |            |                           |                                           |        |   |
|                     | Attachment of tube to lever                                                                                          |            |                           |                                           |        |   |
| EEAS13/1            | Bolt, 1/4in. BSF                                                                                                     | 1          | S11                       | C                                         | CA2/57 | R |
| A25/7E              | Bolt, 1/4in. BSF                                                                                                     | 1          | -                         | C                                         | CA2/58 |   |
| EEAS14              | Bush                                                                                                                 | 1          | S11                       | C                                         | CA2/59 | R |
| EEAS63/E            | Nut, 1/4in. BSF                                                                                                      | 1          | S96                       | C                                         | CA2/60 | R |
| A27/ES              | Nut, slotted, 1/4in. BSF                                                                                             | 1          | -                         | C                                         | CA2/61 |   |
| EEAS127             | Piece, distance                                                                                                      | 1          | S96                       | C                                         | CA2/62 | R |
| SP90/C8             | Pin, split 1/16in. dia.                                                                                              | 2          | -                         | C                                         | CA2/63 |   |
| 143EAP              | MOUNTING. "Multiplex"                                                                                                | 1          | -                         | C                                         | CA1/16 |   |
|                     | ROLL DAMPER, Installation (Mod 3359)<br>(EB8.81.5751)                                                                | -          | -                         | -                                         | -      |   |
| 2SMT                | SELECTOR, heading, type A                                                                                            | 1          | -                         | P                                         | CA1/17 |   |
| 6TB/349             | MOUNTING, tray, amplifier                                                                                            | 1          | -                         | P                                         | CA1/18 |   |
| 6TB/350             | MOUNTING, tray, coupling unit                                                                                        | 1          | -                         | P                                         | CA1/19 |   |
| 6TB/1660            | TRIM UNIT                                                                                                            | 1          | -                         | P                                         | CA1/20 |   |
| Lucas<br>CHA90899/3 | UNIT, power control, type 101, Mk.3<br>(Pre Mod 5160) (For spares<br>see AP4515T Vol 3, Part 1,<br>Sect. 2, Chap. 6) | 1          | -                         | P                                         | CA2/64 |   |
| Lucas<br>CHA90899/4 | UNIT, power control, type 101, Mk.4<br>(Mod 5160) (For spares see<br>AP4515T Vol 3, part 1,<br>Sect. 2, Chap. 6)     | 1          | -                         | P                                         | CA2/65 |   |
|                     | Attachment of power control unit to<br>frame 42                                                                      |            |                           |                                           |        |   |
| EB8.45.1295         | Bolt, 1/2in. BSF                                                                                                     | 1          | S97                       | C                                         | CA2/66 |   |
| A27/NS              | Nut, slotted, 1/2in. BSF                                                                                             | 1          | -                         | C                                         | CA2/67 |   |
| EB8.45.1297         | Piece, distance                                                                                                      | 1          | S3                        | C                                         | CA2/68 |   |
| SP90/E10            | Pin, split, 5/32in. dia.                                                                                             | 1          | -                         | C                                         | CA2/69 |   |
| 6S/90               | UNIT, autostabiliser servo motor type E                                                                              | 1          | -                         | P                                         | CA2/70 |   |
|                     | Attachment of servo motor unit to power<br>control unit and control<br>lever                                         |            |                           |                                           |        |   |
| EB8.45.1563         | Bolt, servo motor to power control unit<br>attachment (Mod 3885)                                                     | 1          | S97                       | C                                         | CA2/71 |   |
| EEAS13/1            | Bolt, servo motor to control lever<br>attachment                                                                     | 1          | S11                       | C                                         | CA2/72 |   |
| EB8.45.1565         | Bush (Mod 3885)                                                                                                      | 1          | S96                       | C                                         | CA2/73 |   |
| EEAS14              | Bush                                                                                                                 | 1          | S11                       | C                                         | CA2/74 |   |
| A27/GS              | Nut, slotted, 5/16in. BSF                                                                                            | 1          | -                         | C                                         | CA2/75 |   |
| EEAS63/E            | Nut, slotted, 1/4in. BSF                                                                                             | 1          | S96                       | C                                         | CA2/76 |   |
| EB8.45.1567         | Piece, distance (Mod 3885)                                                                                           | 1          | S96                       | C                                         | CA2/77 |   |
| EEAS127             | Piece, distance                                                                                                      | 1          | S96                       | C                                         | CA2/78 |   |
| SP90/C8             | Pin, split 1/16in. dia.                                                                                              | 2          | -                         | C                                         | CA2/79 |   |



