

FLYING CONTROLS

| Ref. No. | Part No. | Description | No. off | Matl. Spec. | Cl. of Equip. M.R. L.M. | Fig. and Index |
|-------------|-----------------|---|---------|-------------|-------------------------|----------------|
| | | | | | | |
| | — | CONTROLS, FLYING, ASSEMBLY | — | — | — | |
| | | (E.F2.45.1) (Mk. 2 A/C) | | | | |
| | — | CONTROLS, FLYING, ASSEMBLY | — | — | — | |
| | | (E.F4.45.101) (MK. 2A A/C) | | | | |
| | | Consisting of:— | | | | |
| 2363 | EEAS.191 | BOLT, special, control rod connecting | 11 | S92 | C | 24/1 |
| | E.F2.45.13 | LEVER, idler aileron, assembly | 1 | — | — | 24/2 |
| | | Spares for:— | | | | |
| | E.F2.45.27 | BRACKET, aileron idler lever, assembly | 1 | — | — | 24/3 |
| | | Spares for:— | | | | |
| 2557 | E.B2.45.231 | LEVER, aileron idler | 1 | — | B | 24/4 |
| | | Attachments:— | | | | |
| 28D/9436920 | A25/1C | Bolt, 2 BA, hex. head | 9 | — | C | 24/5 |
| 28M/1278190 | AGS.2001/C/1 | Nut, stiff, 2 BA | 4 | — | C | 24/6 |
| 28W/9419475 | SP15/C | Washer, 2 BA, plain | 1 | — | C | 24/7 |
| | 2417 | EEAS.63/G | 11 | S96 | C | 24/8 |
| 28P/9527619 | SP90/C7 | PIN, split, control rod connecting | 11 | — | C | 24/9 |
| | 2555 | E.B2.45.953 | 2 | — | C | 24/10 |
| | | ROD, control, from idler lever aft of frame 24 to aileron control pick-up joint | | | | |
| 6102786 | E.B2.45.3297 | ROD, control, aileron transverse between idler levers aft of frame 24 (Mod. 4728) | 1 | — | C | 24/11 |
| | | Spares for:— | | | | |
| 6102783 | E.B2.45.3301 | TUBE (Mod. 4728) | 1 | — | C | |
| | — | SHAFTS, torque and levers at transport joint, assembly (E.F2.45.11) | — | — | — | — |
| | | Consisting of:— | | | | |
| | E.B2.45.1437 | BRACKET, torque tube shafts | 1 | — | — | 26/1 |
| | E.F2.45.41 | LEVERS, and torque shaft, tailplane control, group | 1 | — | — | 25/1 |
| | | Consisting of:— | | | | |
| 2A/9500426 | HOFFMANN T.33 | BALL-RACE | 1 | — | C | 25/2 |
| 28D/1214044 | AS.1242/23C | BOLT, 2 BA, c'sk head | 5 | — | C | 25/3 |
| | E.B2.45.87 | BRACKET, torque shaft top mounting | 1 | — | — | 25/4 |
| | E.B2.45.95 | BRACKET, torque shaft bottom mounting | 1 | — | — | 25/5 |
| 32613 | E.F2.45.103 | CLAMP, ballrace | 1 | L65 | C | 25/6 |
| | E.F2.45.69 | HOUSING, torque shaft | 1 | L65 | — | 25/7 |
| 32600 | E.F2.45.61 | LEVER, control, top, group | 1 | — | C | 25/8 |
| | | Consisting of:— | | | | |
| 2A/9500465 | HOFFMANN N.3112 | BALL-RACE | 1 | — | C | 25/9 |
| | E.F2.45.55 | FITTING, torque tube end | 1 | S95 | — | 25/10 |
| | | Attachments:— | | | | |
| 28D/9133012 | A25/3C | Bolt, 2 BA, hex. head | 6 | — | C | 25/11 |
| 28M/1006473 | A27/CT | Nut, 2 BA, thin | 6 | — | C | 25/12 |
| | 33021 | EEAS.3/CC | 1 | L65 | C | 25/13 |
| | E.F2.45. 19 | LEVER | 1 | LT3 | — | 25/14 |
| | 10114 | E.B2.45.2597 | 1 | — | C | 25/15 |
| | | LUG, rigging, assembly | | | | |
| | | Attachments:— | | | | |
| 28D/9133012 | A25/3C | Bolt, 2 BA, hex. head | 2 | — | C | 25/16 |
| 28M/1006473 | A27/CT | Nut, 2 BA, thin | 3 | — | C | 25/17 |
| | 26FZ/92 | EEAS.4/20C | 2 | L72 | C | 25/18 |
| | E.F2.45.59 | LEVER, and torque tube bottom, group | 1 | — | — | 25/19 |
| | | Consisting of:— | | | | |
| 2A/9500426 | HOFFMANN T.33 | BALL-RACE | 1 | — | C | 25/20 |
| | E.F2.45.97 | COLLAR, retaining | 1 | L65 | — | 25/21 |
| | E.F2.45.99 | COLLAR, retaining | 1 | L65 | — | 25/22 |

| Page DD2 | | CONTROLS | | | | | | | FLYING CONTROLS | | | | |
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| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | |
| 30251 | E.F2.45.67 | FITTING, torque tube end | | | | | | | 1 | S95 | - | 25/23 | |
| | E.B2.45.149 | LEVER, control, group | | | | | | | 1 | - | C | 25/24 | |
| 2A/9500465 | HOFFMANN N.3112 | Spares for:- BALL-RACE | | | | | | | 1 | - | C | 25/25 | |
| | 26GZ/92 | EEAS.3/CC | HOUSING, ball-race | | | | | | | 1 | L65 | - | 25/26 |
| | | EEAS.4/20C | WASHER, packing | | | | | | | 2 | L72 | C | 25/27 |
| | | | Attachments:- | | | | | | | | | | |
| 28D/9133013 | A25/5C | Bolt, 2 BA, hex. head | | | | | | | 1 | - | C | 25/28 | |
| 28D/7002428 | A25/6C | Bolt, 2 BA, hex. head | | | | | | | 2 | - | C | 25/29 | |
| 28D/9140644 | A25/9C | Bolt, 2 BA, hex. head | | | | | | | 2 | - | C | 25/30 | |
| 28D/9419397 | A25/12C | Bolt, 2 BA, hex. head | | | | | | | 2 | - | C | 25/31 | |
| 28D/9140647 | A25/14C | Bolt, 2 BA, hex. head | | | | | | | 1 | - | C | 25/32 | |
| 28M/1006473 | A27/CT | Nut, 2 BA, thin | | | | | | | 8 | - | C | 25/33 | |
| R 26FZ/1095 | EEAS.37/14A | NIPPLE, 4 BA | | | | | | | 6 | S96 | C | 25/34 | |
| | 26FZ/1571 | EEAS.38/2A | SPOKE, 4 BA (Make from 28R/6124) | | | | | | | 3 | S96 | C | 25/35 |
| | E.F2.45.65 | TUBE, torque (Make from 2" .0 o/d x 10 SWG) .. | | | | | | | 1 | T45 | LM | 25/36 | |
| 26FZ/1095 | EEAS.37/14A | NIPPLE, 4 BA | | | | | | | 4 | S96 | C | 25/37 | |
| 28M/9403520 | A27/CP | NUT, 2 BA, plain | | | | | | | 5 | - | C | 25/38 | |
| R 26FZ/1571 | E.F2.45.277 | PACKER (Mod. 4716) | | | | | | | 5 | - | - | - | |
| | EEAS.38/2A | SPOKE, 4 BA (Make from 28R/6124) | | | | | | | 2 | S96 | C | 25/39 | |
| | | Attachments:- | | | | | | | | | | | |
| 28D/1213604 | A59/34E | Bolt, 1/4" BSF, hex. head | | | | | | | 3 | - | C | 25/40 | |
| 30A/3055 | † | Wire, locking, 22 SWG | | | | | | | QR | DTD123 | C | 25/41 | |
| | E.F2.45.43 | LEVERS, and torque shaft, aileron, non-linear gear, ... assembly Consisting of:- | | | | | | | 1 | - | - | 26/2 | |
| 2A/9500419 | HOFFMANN T.17 | BALL-RACE | | | | | | | 2 | - | C | 26/3 | |
| | E.B2.45.1073 | BOLT, special, top lever bearing retaining washer ... attachment | | | | | | | 1 | S95 | - | 26/4 | |
| | | Attachments:- | | | | | | | | | | | |
| 28M/9403520 | A27/CP | Nut, 2 BA, plain | | | | | | | 1 | - | C | 26/5 | |
| 28W/9419475 | SP15/C | Washer, 2 BA, plain | | | | | | | 1 | - | C | 26/6 | |
| 3376 | E.B2.45.657 | BOLT, special, shoulder link attachment | | | | | | | 2 | S96 | C | 26/7 | |
| | | Attachments:- | | | | | | | | | | | |
| 2563 | E.B2.45.659 | Nut, special shoulder | | | | | | | 2 | - | C | 26/8 | |
| 28P/9527619 | SP90/C7 | Pin, split | | | | | | | 2 | - | C | 26/9 | |
| | E.B2.45.87 | BRACKET, torque shaft | | | | | | | 1 | - | - | 26/10 | |
| | | Attachments:- | | | | | | | | | | | |
| 28D/1011019 | A25/8C | Bolt, 2 BA, hex. head | | | | | | | 6 | - | C | 26/11 | |
| 28M/9403520 | A27/CP | Nut, 2 BA, plain | | | | | | | 6 | - | C | 26/12 | |
| | E.B2.45.1061 | BRACKET, top aileron torque tube | | | | | | | 1 | L65 | - | 26/13 | |
| | | Attachments:- | | | | | | | | | | | |
| 28D/1214032 | AS.1242/9C | Bolt, 2 BA, 90° c'sk head | | | | | | | 6 | - | C | 26/14 | |
| 28M/9403520 | A27/CP | Nut, 2 BA, plain | | | | | | | 6 | - | C | 26/15 | |
| | E.F2.45.75 | HOUSING, torque tube | | | | | | | 1 | L65 | - | 26/16 | |
| | E.B2.45.1055 | LEVER, top and shaft, group | | | | | | | 1 | - | - | 26/17 | |
| | | Consisting of:- | | | | | | | | | | | |
| 2560 | E.B2.45.2085 | BEARING, non-linear, c/w tyre | | | | | | | 1 | - | B | 26/18 | |

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| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | |
| 28D/1007468 28M/1006504 | E.B2.45.1081 | | | | | | | | 1 | S96 | - | 26/19 |
| | AS.1242/3B | | | | | | | | 4 | - | C | 26/20 |
| | A27/BT | | | | | | | | 4 | - | C | 26/21 |
| 2A/9500465 | E.B2.45.2083 | | | | | | | | 1 | - | - | 26/22 |
| | SKEFCO 1132498 or HOFFMANN N.3112 or RANSOME & MARLES 5/16" A | | | | | | | | 2 | - | C | 26/23 |
| 26FZ/92 | EEAS.3/CC | | | | | | | | 2 | L65 | - | 26/24 |
| 2561 | EEAS.4/20C | | | | | | | | 2 | L72 | C | 26/25 |
| | EEAS.4/22C | | | | | | | | 3 | L72 | - | 26/26 |
| 28M/1011467 28P/9527619 | E.B2.45.1083 | | | | | | | | 1 | S95 | C | 26/27 |
| | A27/ES | | | | | | | | 1 | - | C | 26/28 |
| 28D/9133012 28M/1006473 | SP90/C7 | | | | | | | | 1 | L65 | C | 26/29 |
| | E.B2.45.1077 | | | | | | | | 1 | L65 | - | 26/30 |
| 28D/9133012 28M/1006473 | A25/3C | | | | | | | | 6 | - | C | 26/31 |
| | A27/CT | | | | | | | | 6 | - | C | 26/32 |
| 2A/9500436 | E.F2.45.71 | | | | | | | | 1 | - | - | 26/33 |
| | E.F2.45.283 | | | | | | | | 1 | - | - | |
| 2A/2500462 | HOFFMANN T.33 | | | | | | | | 1 | - | C | 26/34 |
| | E.F2.45.99 | | | | | | | | 1 | L65 | - | 26/35 |
| 2A/2500462 | E.F2.45.105 | | | | | | | | 1 | - | - | 26/36 |
| | HOFFMANN CAO | | | | | | | | 1 | - | C | 26/37 |
| 28D/1007976 28M/1006473 | EEAS.3/B | | | | | | | | 1 | L65 | - | 26/38 |
| | EEAS.4/26A | | | | | | | | 1 | L72 | - | 26/39 |
| 28D/1007976 28M/1006473 | E.F2.45.277 | | | | | | | | 6 | - | - | |
| | E.B2.45.1071 | | | | | | | | 1 | L72 | - | 26/40 |
| 28D/1007976 28M/1006473 | E.F2.45.109 | | | | | | | | 1 | L72 | - | 26/41 |
| | AS.1242/4C | | | | | | | | 6 | - | C | 26/42 |
| 2A/9500418 | A27/CT | | | | | | | | 6 | - | C | 26/43 |
| | E.F2.45.79 | | | | | | | | 1 | - | - | 26/44 |
| 2A/9500423 | HOFFMANN T.13 | | | | | | | | 1 | - | C | 26/45 |
| | SKEFCO TTS.14-1/2 or HOFFMANN T29 or RANSOME & MARLES CA1 13/16" | | | | | | | | 1 | - | C | 26/46 |
| 8903 | UNBRAKO SERIES SC | | | | | | | | 1 | - | C | 26/47 |

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| | | | | | | |
| | E.F2.45.77 | TUBE, lever and shaft mounting (Make from 2" .0 o/d x 10 SWG) | 1 | T45 | LM | 26/48 |
| 28Q/11842 | AGS.2042/609 | Attachments:— | 6 | — | C | 26/49 |
| 28Q/9466456 | AGS.2043/609 | Pin, sealing | 6 | — | C | 26/50 |
| | | Rivet, Chobert | 6 | — | C | 26/50 |
| 6102420 | E.F3.45.1031 | LEVER, and spindle, group (Mod. 4666) | 1 | — | B | 26/51 |
| | | Spares for:— | | | | |
| | SKEFCO | BALL-RACE | 1 | — | C | 26/52 |
| | CBA.0 or | | | | | |
| 2A/2500462 | HOFFMANN | | | | | |
| | CA.0 or | | | | | |
| | RANSOME & | | | | | |
| | MARLES | | | | | |
| | CD 3/16 | | | | | |
| | E.F3.45.1033 | LEVER and spindle | 1 | L65 | | |
| | E.F2.45.73 | LEVER, bottom, group | 1 | — | — | 26/53 |
| | | Consisting of:— | | | | |
| 2A/9500426 | HOFFMANN | BALL-RACE | 1 | — | C | 26/54 |
| | T.33 | | | | | |
| | E.F2.45.81 | COLLAR, flanged | 1 | L65 | — | 26/55 |
| | | Attachments:— | | | | |
| 28D/9133012 | A25/3C | Bolt, 2 BA, hex. head | 6 | — | C | 26/56 |
| 28M/1006473 | A27/CT | Nut, 2 BA, thin | 6 | — | C | 26/57 |
| | E.F2.45.123 | LEVER, c/w ball-race, group | 1 | — | — | 26/58 |
| | | Spares for:— | | | | |
| | SKEFCO | BALL-RACE | 1 | — | C | 26/59 |
| | 1132498 or | | | | | |
| 2A/9500465 | HOFFMANN | | | | | |
| | N.3112 or | | | | | |
| | RANSOME & | | | | | |
| | MARLES | | | | | |
| | 5/16" B | | | | | |
| | EEAS.3/CC | HOUSING, ball-race | 1 | L65 | — | 26/60 |
| 26FZ/92 | EEAS.4/20C | WASHER, packing | 1 | L72 | C | 26/61 |
| | EEAS.4/22C | WASHER, packing | 1 | L72 | — | 26/62 |
| 10115 | E.B2.45.2231 | LUG, rigging | 1 | — | C | 26/63 |
| | | Attachments:— | | | | |
| 28D/9133012 | A25/3C | Bolt, 2 BA, hex. head | 3 | — | C | 26/64 |
| 28M/1006473 | A27/CT | Nut, 2 BA, thin | 3 | — | C | 26/65 |
| 2562 | G. SALTER | RING, truarc ball-race retaining | 1 | — | C | 26/66 |
| | 5100/206 | | | | | |
| | E.B2.45.1067 | LINK, differential gear connecting | 1 | L65 | — | 26/67 |
| 26FZ/1087 | EEAS.37/2A | NIPPLE, 4 BA | 4 | — | C | 26/68 |
| | E.F2.45.279 | PACKER (Mod. 4716) | 1 | — | — | — |
| | E.F2.45.281 | PACKER (Mod. 4716) | 1 | — | — | — |
| | E.B2.45.1069 | PLATE, retaining | 1 | L72 | — | 26/69 |
| | | Attachments:— | | | | |
| 28D/1007975 | AS.1242/1C | Bolt, 2 BA, c'sk head | 4 | — | C | 26/70 |
| 10116 | E.B2.45.1065 | SHOE, non-linear aileron guide | 1 | S15 | C | 26/71 |
| | | Attachments:— | | | | |
| 28D/1213604 | A59/34E | Bolt, 1/4" BSF, hex. head | 1 | — | C | 26/72 |
| 28D/1202334 | AS.1242/3E | Bolt, 1/4" BSF, c'sk head | 1 | — | C | 26/73 |
| 28M/1011467 | A27/ES | Nut, 1/4" BSF, slotted | 1 | — | C | 26/74 |
| 28M/1007403 | A27/ET | Nut, 1/4" BSF, thin | 1 | — | C | 26/75 |
| 28P/9527619 | SP90/C7 | Pin, split | 1 | — | C | 26/76 |

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| | | | | | | | 1 | 2 |
| R | 26FZ/1571 10117 | EEAS.38/2A E.B2.45.2305 | SPOKE , 4 BA (Make from 28R/6124) | 2 | S96 | C | 26/77 | |
| | | | STOP , guide shoe | 1 | L65 | C | 26/78 | |
| | | | Attachments :— | | | | | |
| | | | Bolt, 2 BA, c'sk head | 2 | — | C | 26/79 | |
| | | | Nut, 2 BA, thin | 2 | — | C | 26/80 | |
| | | | Washer, 2 BA, plain | 2 | — | C | 26/81 | |
| | | 5683 | E.B2.45.2477 | TUBE , distance, upper and lower bearings on differential spindle and lever, 1 3/8" o/d x 14 SWG | 1 | L56 | C | 26/82 |
| | | | EEAS.28/39HS | WASHER , top lever lower ball-race | 1 | L65 | — | 26/83 |
| | | | EEAS.28/53HS | WASHER , differential spindle and lever lower bearing retaining | 1 | L65 | — | 26/84 |
| | | | | Attachments :— | | | | |
| | | | | Bolt, 1/4" BSF, hex. head | 2 | — | C | 26/85 |
| | | | | Bolt, 3/8" BSF, hex. head | 2 | — | C | 26/86 |
| | | | | Wire, locking, 22 SWG | QR | DTD189 | C | 26/87 |
| | R | 32594 | E.F2.45.39 | SHAFT , rudder torque, and levers, assembly | 1 | — | B | 27/1 |
| | | E.F2.45.49 | Consisting of :— HOUSING , rudder torque shaft, group ... | 1 | — | — | 27/2 | |
| | | | Spares for :— | | | | | |
| | | | | BALL-RACE | 1 | — | C | 27/3 |
| | | | | CAP , ballrace retaining | 1 | L73 | — | 27/4 |
| | | | | Attachments :— | | | | |
| | | | | Bolt, 2 BA, c'sk head | 6 | — | C | 27/5 |
| | | | | Nut, 2 BA, thin | 6 | — | C | 27/6 |
| | | | E.F2.45.45 | LEVER , bottom, and torque tube, group ... | 1 | — | — | 27/7 |
| | | | | Consisting of :— | | | | |
| | | | | BALL-RACE | 1 | — | C | 27/8 |
| | | | | COLLAR , retaining | 1 | L65 | — | 27/9 |
| | | | | COLLAR , retaining | 1 | L65 | — | 27/10 |
| | | | | FITTING , torque tube end | 1 | S95 | — | 27/11 |
| | | | Attachments :— | | | | | |
| | | | Bolt, 2 BA, hex. head | 6 | — | C | 27/12 | |
| | | | Nut, 2 BA, thin | 6 | — | C | 27/13 | |
| | | E.F2.45.111 | LEVER , c/w ball-race | 1 | — | — | 27/14 | |
| | | 10118 | E.B2.45.2223 | LUG , rigging | 1 | — | C | 27/15 |
| | | | Attachments :— | | | | | |
| | | | Bolt, 2 BA, hex. head | 3 | — | C | 27/16 | |
| | | | Nut, 2 BA, thin | 3 | — | C | 27/17 | |
| R | 26FZ/1095 | EEAS.37/14A | NIPPLE , 4 BA | 6 | — | C | 27/18 | |
| | 26FZ/1571 | EEAS.38/2A | SPOKE , 4 BA (Make from 28R/6124) | 3 | S96 | C | 27/19 | |
| | | E.F2.45.51 | TUBE , torque (Make from 2" o/d x 10 SWG) | 1 | T45 | LM | 27/20 | |
| | | E.F2.45.47 | LEVER , top, rudder, assembly | 1 | — | — | 27/21 | |
| | | | Spares for :— | | | | | |
| | | | | FITTING , end, torque tube | 1 | S95 | — | 27/22 |
| | | | | Attachments :— | | | | |
| | | | Bolt, 2 BA, hex. head | 6 | — | C | 27/23 | |
| | | | Nut, 2 BA, thin | 6 | — | C | 27/24 | |

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| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | |
| | E.F2.45.115 | LEVER , c/w ballrace | | | | | | | | 1 | — | — | 27/25 |
| | | Attachments :— | | | | | | | | | | | |
| | 28D/ A59/31G | Bolt, $\frac{1}{8}$ " BSF, hex. head | | | | | | | | 2 | — | C | 27/26 |
| | 28M/5808571 A27/GS | Nut, $\frac{1}{8}$ " BSF, slotted | | | | | | | | 2 | — | C | 27/27 |
| R | 28P/9527619 SP90/C7 | Pin, split, $\frac{1}{8}$ " dia. × 1" long | | | | | | | | 2 | — | C | 27/28 |

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