

## CONTROLS

## FLYING CONTROLS IN CENTRE FUSELAGE

| Ref. No.    | Part No.        | Description<br>1 2 3 4 5 6                                                                                             | No.<br>off | Matl. Spec. | Cl. of<br>Equip<br>M.R.<br>L.M. | Plate<br>No. |
|-------------|-----------------|------------------------------------------------------------------------------------------------------------------------|------------|-------------|---------------------------------|--------------|
|             |                 |                                                                                                                        |            |             |                                 |              |
|             | EA3.45.379      | CONTROLS, FLYING IN CENTRE<br>FUSELAGE ASSEMBLY                                                                        | —          | —           | —                               | DB1/1        |
| 7769        | EA1.45.215      | LEVERS, AILERON AND MOUNTING AT<br>FRAME 22, ASSEMBLY<br>(PRE—MOD 4956) (For Aircraft Not<br>Embodying Mod 5097)       | 1          | —           | B                               | DB1/2        |
|             | EA1.45.217      | LEVER ASSEMBLY<br>Spares for:—                                                                                         | 1          | —           | —                               | DB1/3        |
| 2A/9500420  | HOFFMANN<br>T21 | BEARING, ballrace                                                                                                      | 2          | —           | B                               | DB1/4        |
|             | EA1.45.223      | LEVER, top assembly                                                                                                    | 1          | —           | —                               | DB1/5        |
|             | EA1.45.225      | LEVER, bottom assembly                                                                                                 | 1          | —           | —                               | DB1/6        |
| 21199       | EA1.45.1031     | SPINDLE                                                                                                                | 1          | —           | —                               | DB1/7        |
|             | EA1.45.243      | SPOOL, retaining<br>Attaching parts for EA1.45.243:—                                                                   | 1          | —           | C                               | DB1/8        |
| 1095        | EEAS37/14A      | Nipple                                                                                                                 | 4          | —           | C                               | DB1/9        |
| 1571        | EEAS38/2A       | Spoke                                                                                                                  | 2          | S96         | —                               | DB1/10       |
| 6119465     | EA3.00.5427     | LEVERS, AILERON AND MOUNTING AT<br>FRAME 22, ASSEMBLY<br>(EA3.45.5105) (MOD 4956)<br>(For Aircraft Embodying Mod 5097) | 1          | —           | —                               |              |
|             | EA3.45.5107     | LEVER, ASSEMBLY<br>Spares for:—                                                                                        | 1          | —           | —                               |              |
|             | EA3.45.5109     | LEVER, assembly, top<br>Attaching parts for EA3.45.5109:—                                                              | 1          | —           | —                               |              |
| 28D/1212825 | AS1242/4E       | Bolt, 1/4" BSF                                                                                                         | 4          | —           | —                               |              |
| 28M/1011467 | A27ES           | Nut, 1/4" BSF                                                                                                          | 4          | —           | —                               |              |
| 28P/9486478 | SP90C5          | Pin, split                                                                                                             | 4          | —           | —                               |              |
| 28W/9418921 | SP13E           | Washer                                                                                                                 | 4          | —           | —                               |              |
|             | EA3.45.5113     | LEVER, assembly, bottom<br>Attaching parts for EA3.45.5113:—                                                           | 1          | —           | —                               |              |
| 28D/1013178 | AS1242/5E       | Bolt, 1/4" BSF                                                                                                         | 6          | —           | C                               |              |
| 28M/1011467 | A27ES           | Nut, 1/4" BSF                                                                                                          | 6          | —           | C                               |              |
| 28P/9486478 | SP90C5          | Pin, split                                                                                                             | 6          | —           | C                               |              |
|             | EA3.45.5155     | Ring, clamp                                                                                                            | 1          | L56         | —                               |              |
| 28W/9418921 | SP13E           | Washer                                                                                                                 | 6          | —           | C                               |              |
|             | EA3.45.5121     | PLATE, assembly, bottom                                                                                                | 1          | —           | —                               |              |
|             | EA3.45.5117     | PLATE, assembly, top                                                                                                   | 1          | —           | —                               |              |
|             | EA3.45.5151     | SPINDLE                                                                                                                | 1          | S92         | —                               |              |
|             | EA3.45.5157     | SPOOL, retaining, spindle<br>Attaching parts for EA3.45.5157:—                                                         | 1          | L65         | —                               |              |
|             | EA3.45.5159     | Bolt, shouldered, 2BA, lower                                                                                           | 1          | S97         | —                               |              |
| 28M/5808573 | EEAS95/16E      | Bolt, 1/4" BSF, upper                                                                                                  | 1          | —           | —                               |              |
| 28M/1011467 | A27CS           | Nut, 2BA                                                                                                               | 1          | —           | C                               |              |
| 28P/9486478 | A27ES           | Nut, 1/4" BSF                                                                                                          | 1          | —           | C                               |              |
|             | SP90C5          | Pin, split                                                                                                             | 2          | —           | C                               |              |
| 28W/9419402 | EA3.45.5167     | Washer, saddle (Make from AGS1903E12)                                                                                  | 4          | —           | LM                              |              |
|             | SP13C           | Washer, lower bolt (if required)                                                                                       | 1          | —           | C                               |              |
|             |                 | Attaching parts for EA3.00.5427:—                                                                                      |            |             |                                 |              |
| 28D/9436920 | A25/1C          | Bolt, 2BA                                                                                                              | 14         | —           | C                               |              |
| 28D/9133011 | A25/2C          | Bolt, 2BA                                                                                                              | 10         | —           | C                               |              |
| 28D/9435710 | A25/11C         | Bolt, 2BA                                                                                                              | 2          | —           | C                               |              |
| 28M/1012015 | AGS2001C1/66    | Nut, 2BA                                                                                                               | 14         | —           | C                               |              |
|             | EA3.45.5209     | Washer, profile, 12 SWG                                                                                                | 2          | L72         | —                               |              |
| 28W/9419402 | SP13C           | Washer                                                                                                                 | 28         | —           | C                               |              |

CONTROLS  
FLYING CONTROLS IN CENTRE FUSELAGE

| Ref. No.    | Part No.           | Description<br>1 2 3 4 5 6                                                                                      | No.<br>off | Matl. Spec. | Cl. of<br>Equip<br>M.R.<br>L.M. | Plate<br>No. |
|-------------|--------------------|-----------------------------------------------------------------------------------------------------------------|------------|-------------|---------------------------------|--------------|
|             |                    |                                                                                                                 |            |             |                                 |              |
| 7768        | EA1.45.245         | . LEVERS, AILERON IDLE, AT FRAME 22,<br>ASSEMBLY (PRE—MOD 4956)<br>(For Aircraft Not Embodying Mod 5097)        | 1          | —           | B                               | DB2/1        |
| 6119257     | EA3.45.5181        | . LEVER, AILERON IDLE, AT FRAME 22,<br>ASSEMBLY (MOD 4956)<br>(For Aircraft Embodying Mod 5097)<br>Spares for:— | 1          | —           | B                               |              |
| 2A/9500419  | HOFFMANN<br>T17    | . . BEARING, ballrace                                                                                           | 2          | —           | B                               | DB2/2        |
| 1937        | EA1.45.251         | . . HOUSING, ballrace (Pre—Mod 4956)                                                                            | 2          | —           | C                               | DB2/3        |
| 6119306     | EA3.45.5205        | . . HOUSING, ballrace (Mod 4956)                                                                                | 2          | —           | C                               |              |
|             | EA1.45.224         | . . LEVER, ASSEMBLY (PRE—MOD 4956)                                                                              | 1          | —           | —                               | DB2/4        |
| 45648       | EA3.45.5193        | . . LEVER, ASSEMBLY (MOD 4956)<br>Spares for:—                                                                  | 1          | —           | —                               |              |
| 2A/9500463  | SKEFKO<br>CBA2     | . . . BEARING, ballrace                                                                                         | 2          | —           | B                               | DB2/4A       |
| 75          | EEAS3D             | . . . HOUSING, ballrace                                                                                         | 2          | —           | C                               | DB2/4B       |
|             | EA1.45.238         | . . . LEVER (Pre—Mod 4956)                                                                                      | 1          | —           | C                               | DB2/4C       |
|             | EA3.45.5195        | . . . LEVER, (Mod 4956)                                                                                         | 1          | —           | C                               |              |
| 92          | EEAS4/20C          | . . . WASHER, packing                                                                                           | 4          | —           | C                               | DB2/4D       |
| 20842       | EA1.45.253         | . . SPINDLE (Pre—Mod 4956)                                                                                      | 1          | —           | C                               | DB2/5        |
|             | EA3.45.5203        | . . SPINDLE (Mod 4956)                                                                                          | 1          | —           | C                               |              |
| 7760        | EA1.45.485         | . SUPPORT, CONTROL TUBE BETWEEN FRAMES<br>12 AND 13 ASSEMBLY<br>Spares for:—                                    | 1          | —           | A/MR                            | DB1/11       |
|             | EA1.45.545         | . . ANGLE                                                                                                       | 1          | —           | C                               | DB1/11A      |
|             | EA1.45.547         | . . ANGLE                                                                                                       | 1          | —           | C                               | DB1/11B      |
|             | FAIREY<br>AVIATION |                                                                                                                 |            |             |                                 |              |
| 2035        | FS515              | . . BEARING, roller                                                                                             | 3          | —           | B                               | DB1/12       |
| 10279       | EA1.45.463         | . . SUPPORT<br>Attaching parts for EA1.45.485:—                                                                 | 1          | —           | C                               | DB1/15       |
| 28D/9133012 | A25/3C             | . Bolt, 2BA                                                                                                     | 6          | —           | C                               | DB1/16       |
| 28M/9403520 | A27CP              | . Nut, 2BA                                                                                                      | 6          | —           | C                               | DB1/17       |
| 7762        | EA1.45.487         | . SUPPORT, CONTROL TUBE AT FRAME 15,<br>ASSEMBLY<br>Spares for:—                                                | 1          | —           | A/MR                            | DB1/18       |
|             | FAIREY<br>AVIATION |                                                                                                                 |            |             |                                 |              |
| 2035        | FS515              | . . BEARING, roller                                                                                             | 3          | —           | B                               | DB1/19       |
| 10280       | EA1.45.465         | . . SUPPORT<br>Attaching parts for EA1.45.487:—                                                                 | 1          | —           | C                               | DB1/20       |
| 28D/1200119 | A25/4C             | . Bolt, 2BA                                                                                                     | 6          | —           | C                               | DB1/21       |
| 28M/9403520 | A27CP              | . Nut, 2BA                                                                                                      | 6          | —           | C                               | DB1/22       |

## CONTROLS

## FLYING CONTROLS IN CENTRE FUSELAGE

| Part Number                                                                                                                                                            | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | No.<br>Off                                            | Matl. Spec.                                                | Plate No.                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|
|                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                                                            |                                                                                 |
| EA1.45.489<br>FAIREY<br>AVIATION<br>FS515<br>EA1.45.467<br>A25/3C<br>A27CP<br>EEAS15/64/11ONR                                                                          | . SUPPORT, CONTROL TUBE, AT FRAME 20, ASSEMBLY<br>Spares for:—<br>. . BEARING, roller<br>. . SUPPORT<br>Attaching parts for EA1.45.489:—<br>. Bolt, 2BA<br>. Nut, 2BA<br>. Strip, packing                                                                                                                                                                                                                                                                                                                                        | 1<br><br>3<br>1<br>6<br>6<br>3                        | —<br><br>—<br>—<br>—<br>—                                  | DB2/6<br><br>DB2/7<br>DB2/8<br>DB2/9<br>DB2/10<br>DB2/11                        |
| EA1.45.491<br>FAIREY<br>AVIATION<br>FS515<br>EA1.45.469<br>A25/4C<br>A27CP                                                                                             | . SUPPORT, CONTROL TUBE, AT FRAME 23, ASSEMBLY<br>Spares for:—<br>. . BEARING, roller<br>. . SUPPORT<br>Attaching parts for EA1.45.491:—<br>. Bolt, 2BA<br>. Nut, 2BA                                                                                                                                                                                                                                                                                                                                                            | 1<br><br>2<br>1<br>4<br>4                             | —<br><br>—<br>—<br>—                                       | DB2/12<br><br>DB2/13<br>DB2/14<br>DA2/15<br>DB2/16                              |
| EA1.45.699<br>FAIREY<br>AVIATION<br>FS515<br>EA1.45.497<br>FAIREY<br>AVIATION<br>FS515<br>EA3.45.359<br>EA3.45.673<br>EEAS130<br>EEAS131/2<br>EA3.45.371<br>EA3.45.679 | . SUPPORT, CONTROL TUBE, AT FRAME 27, ASSEMBLY<br>Spares for:—<br>. . BEARING, roller<br>. SUPPORT, CONTROL TUBE, AT FRAME 30A, ASSEMBLY<br>Spares for:—<br>. . BEARING, roller<br>. TUBE, CONTROL, ELEVATOR AND RUDDER ASSEMBLY<br>(PRE—MOD 4930)<br>. TUBE, CONTROL, ELEVATOR AND RUDDER ASSEMBLY<br>(MOD 4930)<br>Spares for:—<br>. . END, FITTING, c/w ballrace<br>. . FORK-END<br>. TUBE CONTROL, BETWEEN FRAMES 12 AND 15,<br>ASSEMBLY (PRE—MOD 4930)<br>. TUBE, CONTROL, BETWEEN FRAMES 12 AND 15,<br>ASSEMBLY (MOD 4930) | 1<br><br>2<br>1<br><br>6<br>6<br><br>1<br>1<br>3<br>3 | —<br><br>—<br>—<br><br>—<br>—<br><br>DTD683<br>—<br>—<br>— | DB2/17<br><br><br>DB1/24<br><br>DB1/25<br>DB3/9<br><br>DB3/7<br>DB3/8<br>DB3/20 |

## CONTROLS

## FLYING CONTROLS IN CENTRE FUSELAGE

| Part Number | Description                                                                 | No. Off | Matl. Spec. | Plate No. |
|-------------|-----------------------------------------------------------------------------|---------|-------------|-----------|
|             | 1 2 3 4 5 6                                                                 |         |             |           |
|             | Spares for:—                                                                |         |             |           |
| EEAS130     | . . END-FITTING, c/w ballrace                                               | 1       | DTD683      | DB3/7     |
| EEAS131/2   | . . FORK-END                                                                | 1       | —           | DB3/8     |
| EA3.45.355  | . TUBE, CONTROL, BETWEEN FRAMES 15 AND 20 ASSEMBLY (PRE—MOD 4930)           | 1       | —           | DB3/6     |
| EA3.45.671  | . TUBE, CONTROL, BETWEEN FRAMES 15 AND 20 ASSEMBLY (MOD 4930)               | 1       | —           |           |
|             | Spares for:—                                                                |         |             |           |
| EEAS130     | . . END-FITTING, c/w ballrace                                               | 1       | DTD683      | DB3/7     |
| EEAS131/2   | . . FORK-END                                                                | 1       | —           | DB3/8     |
| EA3.45.367  | . TUBE, CONTROL, BETWEEN FRAME 20 AND AILERON LEVER ASSEMBLY (PRE—MOD 4930) | 1       | —           | DB3/14    |
| EA3.45.677  | . TUBE, CONTROL, BETWEEN FRAME 20 AND AILERON LEVER ASSEMBLY (MOD 4930)     | 1       | —           |           |
|             | Spares for:—                                                                |         |             |           |
| EEAS47/2    | . . FORK-END, adjusting                                                     | 1       | DTD683      | DB3/15    |
| EEAS131/2   | . . FORK-END                                                                | 1       | —           | DB3/16    |
|             | Attaching parts for EEAS131/2:—                                             |         |             |           |
| EEAS37/13A  | . . Nipple                                                                  | 6       | —           | DB3/17    |
| EEAS38/1A   | . . Spoke                                                                   | 3       | —           | DB3/19    |
| A29NP       | . . Nut, 1/2" BSF                                                           | 1       | —           | DB3/22    |
| EA3.45.363  | . TUBE, CONTROL, AT FRAME 21, ASSEMBLY (PRE—MOD 4930)                       | 1       | —           | DB3/10    |
| EA3.45.675  | . TUBE, CONTROL, AT FRAME 21, ASSEMBLY (MOD 4930)                           | 1       | —           |           |
|             | Spares for:—                                                                |         |             |           |
| EEAS131/2   | . . FORK-END                                                                | 2       | —           | DB3/11    |
|             | Attaching parts for EEAS131/2:—                                             |         |             |           |
| EEAS37/13A  | . . Nipple                                                                  | 6       | —           | DB3/12    |
| EEAS38/1A   | . . Spoke                                                                   | 3       | —           | DB3/13    |
| EA3.45.375  | . TUBE, CONTROL, BETWEEN FRAMES 23 AND 27, ASSEMBLY (PRE—MOD 4930)          | 2       | —           | DB3/21    |
| EA3.45.681  | . TUBE, CONTROL, BETWEEN FRAMES 23 AND 27, ASSEMBLY (MOD 4930)              | 2       | —           |           |
|             | Spares for:—                                                                |         |             |           |
| EEAS130     | . . END-FITTING, c/w ballrace                                               | 1       | DTD683      | DB3/7     |
| EEAS131/2   | . . FORK-END                                                                | 1       | —           | DB3/8     |
|             | Attaching parts for control tubes:—                                         |         |             |           |
| EEAS13/1    | . Bolt, special                                                             | 2       | S11         | DB3/1     |
| EEAS14      | . Bush                                                                      | 2       | S11         | DB3/2     |
| EEAS63E     | . Nut                                                                       | 2       | S96         | DB3/3     |
| EEAS127     | . Piece, distance                                                           | 2       | S96         | DB3/4     |
| SP90C7      | . Pin, cotter, split                                                        | 2       | —           | DB3/5     |

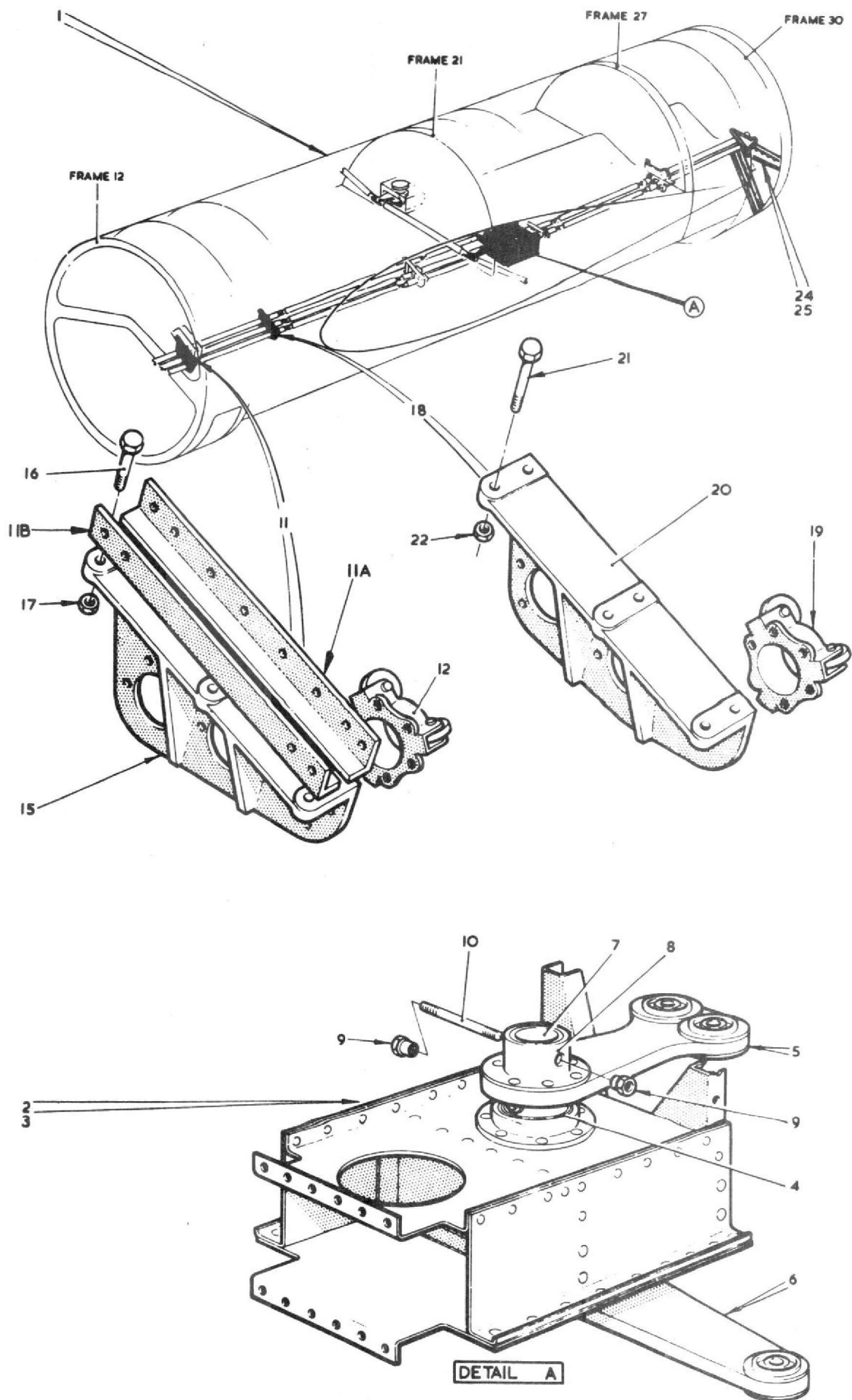


FIG.1 FLYING CONTROLS IN CENTRE FUSELAGE

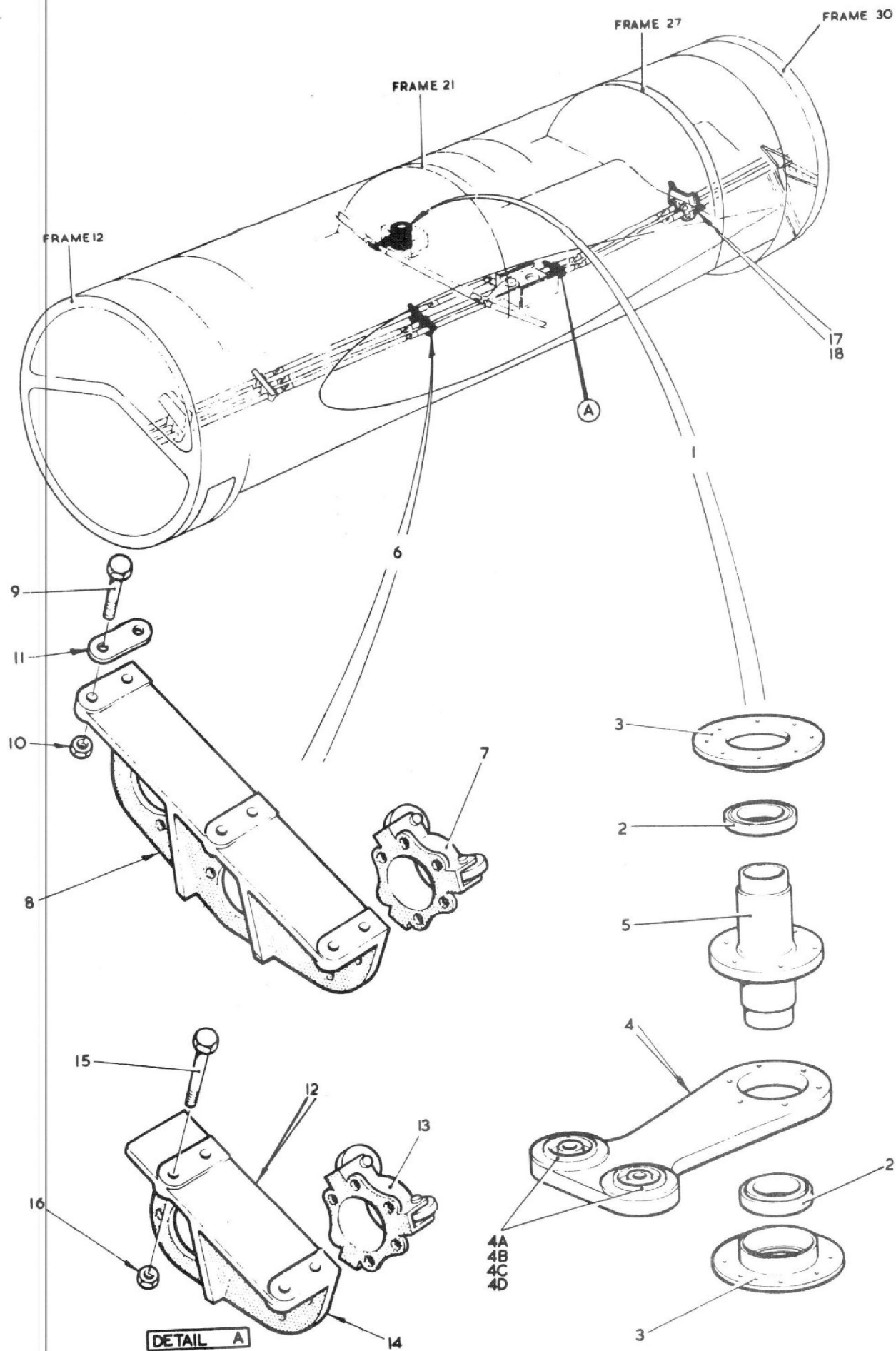


FIG2 FLYING CONTROLS IN CENTRE FUSELAGE

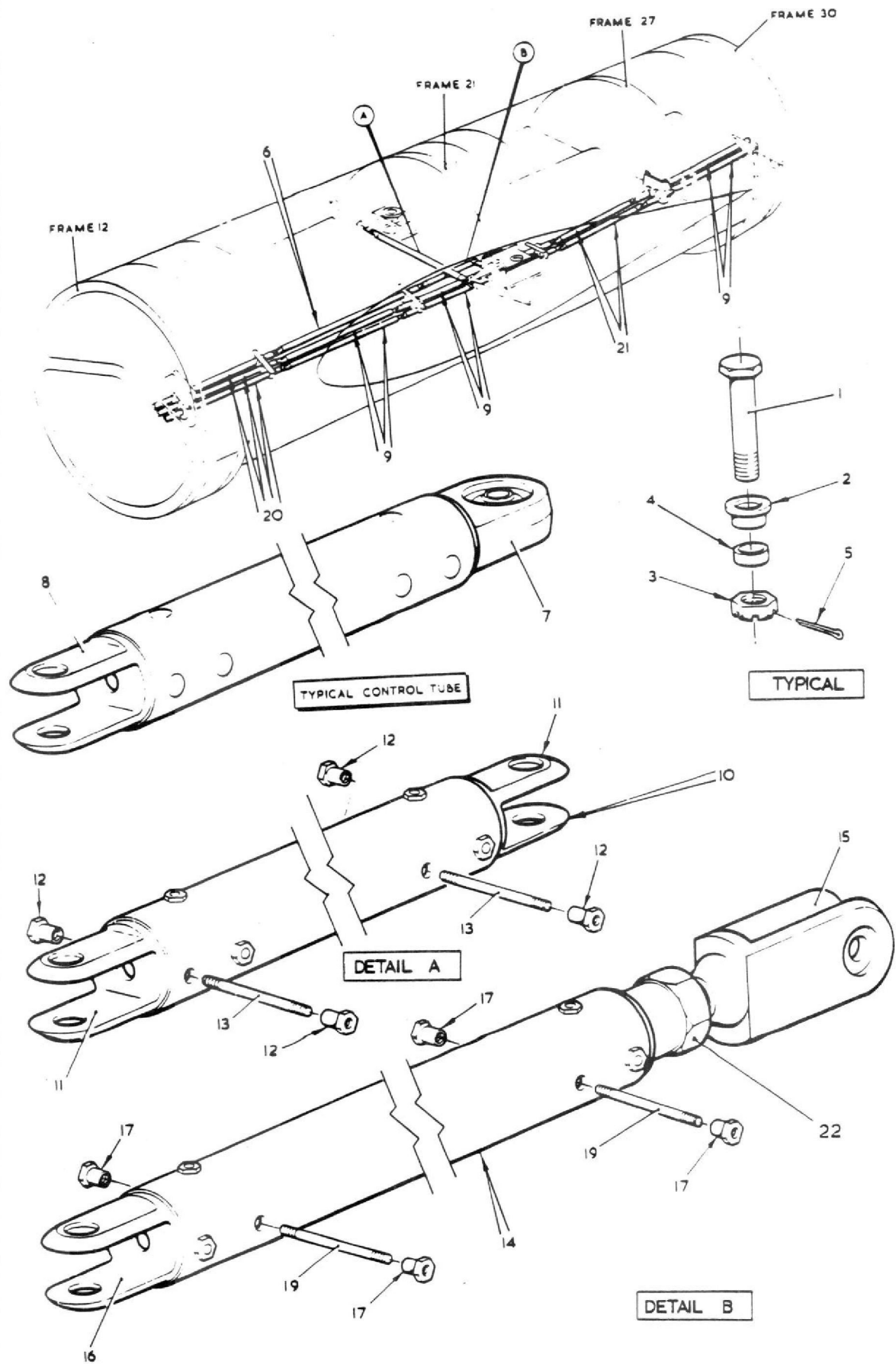


FIG.3 FLYING CONTROLS IN CENTRE FUSELAGE