

## CHAPTER 5

## CHAPTER 5

### LANDING GEAR

#### LIST OF CONTENTS

| TEXT                                                    | Para. |
|---------------------------------------------------------|-------|
| General .....                                           | 1     |
| Damaged Components .....                                | 2     |
| Negligible Damage, Nosewheel Top Structure .....        | 3     |
| Renewal of Members, Nosewheel Top Structure .....       | 4     |
| Wear Limits .....                                       | 5     |
| Oversize Bolts — Main Undercarriage and Nosewheel ..... | 6     |

#### ILLUSTRATIONS

|                                                            | Fig. No. |
|------------------------------------------------------------|----------|
| Main Undercarriage .....                                   | 5/1      |
| Exploded View—<br>Undercarriage Lower Section .....        | 5/2      |
| Exploded View—<br>Undercarriage Retracting Mechanism ..... | 5/3      |
| Nosewheel Unit .....                                       | 5/4      |
| Exploded View—<br>Nosewheel and Retracting Mechanism ..... | 5/5      |
| Nosewheel Top Structure .....                              | 5/6      |

#### TABLES

- No. 31. Main Undercarriage Component Details.
- No. 32. Main Undercarriage — Lower Section — Wear Limits.
- No. 33. Main Undercarriage — Upper Section — Wear Limits.
- No. 34. Nosewheel Unit — Material Details.
- No. 35. Nosewheel Unit — Wear Limits.
- No. 36. Nosewheel Top Structure — Material Details.
- No. 37. Main Undercarriage and Nosewheel — Oversize Bolts.

## CHAPTER 5

### LANDING GEAR

#### General

1. The landing gear is of the tricycle type comprising two main landing wheels attached to the wing structure and one nose wheel situated under the fuselage nose. All three are hydraulically operated, and totally enclosed by doors when fully retracted. The doors are linked to the wheel struts and fair into the undersurface of wing and fuselage.

For nosewheel housing, see Chapter 4, and for details of main wheel wells, see Chapter 6.

Shock absorption is effected by airdraulic struts and the nosewheel strut incorporates a fully castoring self-centring mechanism.

For further information, refer to the following sections in A.A.P. No. 828:  
Sectn. 4, Chap. 3 — "Servicing."  
Sectn. 5 — "Removal and Assy."  
Sectn. 7, Chap. 5 — "General."

#### Damaged Components

2. Any damage to the main and nose undercarriage will necessitate renewal of the part affected.

#### Nosewheel Top Structure

3. Negligible Damage. — Any smooth

isolated dents free from cracks, fractures or abrasions of the metal which do not exceed 1/40th of the tube dia. in depth may be treated as negligible provided they do not occur within the middle third of any member. The limit of bow in tubular members is as defined in Chap. 1, Para. 18.

#### Renewal of Members, Nosewheel Top Structure

4. Any damage in excess of that defined in Para. 3 above will necessitate the replacement of the affected member.

#### Wear Limits

5. Wear limits for all male and female parts of the principal fittings on the landing gear are given in the tables.

Reference should be made to Fig. 1/6, Chap. 1, for method of ascertaining tolerances, etc.

#### Oversize Bolts

6. Oversize bolts may be fitted in the main undercarriage and nosewheel in accordance with Table 37.

**TABLE 31**  
**MAIN UNDERCARRIAGE**  
**COMPONENTS DETAILS**

*See Fig. No. 5/1, Ref. DH. Dwg. G001022-3.*

| Key No. | L.H.             | Part No.<br>R.H. | Material.                 | Specifica-<br>tion.         | S.W.G.            | Description.                               |
|---------|------------------|------------------|---------------------------|-----------------------------|-------------------|--------------------------------------------|
| 1.      |                  | AIR39320         | Stores Ref. No. T27M/8871 | —                           | —                 | Wheel Axle                                 |
| 2.      | AIR52552         |                  | Stores Ref. No. T27M/8904 | —                           | —                 | Torque Link, Lower                         |
|         |                  | AIR52553         | Stores Ref. No. T27M/8913 | —                           | —                 | Torque Link, Lower                         |
| 3.      | AIR52550         |                  | Stores Ref. No. T27M/8905 | —                           | —                 | Torque Link, Upper                         |
|         |                  | AIR52551         | Stores Ref. No. T27M/8914 | —                           | —                 | Torque Link, Upper                         |
| 4.      |                  | AIR39322         | —                         | —                           | —                 | Compression Leg, Bottom                    |
| 5.      | AIR51756         |                  | Stores Ref. No. T27M/584  | —                           | —                 | Compression Leg                            |
|         |                  | AIR51757         | Stores Ref. No. T27M/583  | —                           | —                 | Compression Leg                            |
| 6.      |                  | AIR40010         | Stores Ref. No. T27M/456  | —                           | —                 | Undercarriage Jack                         |
|         | (Pre-Mod. V135)  | AIR41192         |                           |                             |                   |                                            |
|         | (Post-Mod. V135) |                  | Stores Ref. No. T27M/587  | —                           | —                 | Undercarriage Jack                         |
| 7.      | G001005ND        | G001006ND        | Alum. Alloy               | DTD. 364 or<br>DTD. 683     | Bar or<br>Forging | Upper Link, Radius Rod Assy.<br>G001001-2A |
| 8.      | G0057            | G0058            | Alum. Alloy               | L. 1, L. 40 or<br>DTD. 423A | Bar or<br>Forging | Lower Link, Radius Rod Assy.<br>G0059/60A  |
| 9.      |                  | G001087          | M.S.P.                    | DTD. 124A<br>Annealed       | 18                | Latch Plate Radius Rod Assy.<br>G001085-6  |
| 10.     | G001088          | G001089          | M.S.P.                    | DTD. 124A<br>Annealed       | 18                | Latch Plate Radius Rod Assy.<br>G001085-6  |
| 11.     |                  | G00517ND         | Alum. Alloy               | L. 1, L. 40 or<br>TD. 423A  | Bar or<br>Forging | Jack Operating Sleeve Assy.<br>G0043A      |
| 12.     | G001003          | G001004          | Alum. Alloy               | DTD. 364                    | Bar or<br>Forging | Radius Rod Pick-up                         |

**TABLE 32**  
**MAIN UNDERCARRIAGE — LOWER SECTION**  
**WEAR LIMITS**

*See Fig. No. 5/2*

| Key No. | Part No.   | Description.             |                               |
|---------|------------|--------------------------|-------------------------------|
| 1.      | AIR52556   | Bolt                     | See AP.1803C, Vol. 2, Part 2. |
| 2.      | AIR52552-3 | Torque Link, Lower       | See AP.1803C, Vol. 2, Part 2. |
| 3.      | AIR39320   | Axle (and Bush)          | See AP.1803C, Vol. 2, Part 2. |
| 4.      | AIR50718   | Bolt                     | See AP.1803C, Vol. 2, Part 2. |
| 5.      | AIR52552-3 | Torque Link, Lower       | See AP.1803C, Vol. 2, Part 2. |
| 6.      | AIR52550-1 | Torque Link, Upper       | See AP.1803C, Vol. 2, Part 2. |
| 7.      | AIR52554   | Bolt                     | See AP.1803C, Vol. 2, Part 2. |
| 8.      | AIR52550-1 | Torque Link, Upper       | See AP.1803C, Vol. 2, Part 2. |
| 9.      | AIR39306   | Cylinder Tube (and Bush) | See AP.1803C, Vol. 2, Part 2. |

**TABLE 33**  
**MAIN UNDERCARRIAGE — UPPER SECTION**  
**WEAR LIMITS**

*See Fig. No. 5/3, Ref. DH. Dwg. G001022-3A*

| Key No. | Part No.       | Description.                       | Nominal Dia. | Female High or Male Low Limit.      | Maximum Wear Limit. | Plug Gauge. |
|---------|----------------|------------------------------------|--------------|-------------------------------------|---------------------|-------------|
| 1.      | G001013        | Special Bolt                       | 0.6875       | -0.0005                             | -0.0015             | Micrometer  |
| 2.      | AIR39306       | Oleo Casing Lugs                   | Refer to     | A.P.1803C, Vol. 2, Part 2.          |                     |             |
| 3.      | G001004-3A     | Radius Rod Pick-up                 | 0.6875       | +0.0005                             | +0.0035             | VE          |
| 4.      | G0053          | Special Bolt                       | 0.875        | -0.0025                             | -0.0045             | Micrometer  |
| 5.      | G001004-3A     | Radius Rod Pick-up                 | 0.875        | +0.0005                             | +0.0035             | XE          |
| 6.      | G001015        | Radius Rod Eye Bolt (Bush G0040)   | 0.875        | +0.0005                             | +0.0035             | XE          |
| 7.      | G0051          | Knuckle Pin                        | 0.6875       | -0.0025                             | -0.0045             | Micrometer  |
| 8.      | G0065-6        | Radius Rod Top Link                | 0.6875       | +0.0005                             | +0.0035             | VE          |
| 9.      | G0059-60       | Radius Rod Lower Link (Bush G0038) | 0.6875       | +0.0005                             | +0.0035             | VE          |
| 10.     | G001825        | Special Bolt, Jack Attachment      | 0.375        | -0.002                              | -0.0045             | Micrometer  |
|         | Pre-Mod. V517  |                                    |              |                                     |                     |             |
|         | G001901        | Special Bolt, Jack Attachment      |              |                                     |                     |             |
|         | Post-Mod. V517 |                                    |              |                                     |                     |             |
| 11.     |                | Jack Head (See AIR40010)           | 0.375        | Refer to A.P.1803C, Vol. 2, Part 2. |                     |             |
| 12.     | G0043A         | Jack Pick-up (Bush G0048)          | 0.375        | +0.0004                             | +0.0035             | YA          |
| 13.     | G0087          | Special Bolt                       | 0.375        | -0.002                              | -0.0045             | Micrometer  |
| 14.     | G001090        | End, Fork, Jack Ram                | 0.375        | +0.0004                             | +0.0035             | YA          |
|         | Pre-Mod. V135  |                                    |              |                                     |                     |             |
|         | G001707        | End, Fork, Jack Ram                |              |                                     |                     |             |
|         | Post-Mod. V135 |                                    |              |                                     |                     |             |
| 15.     | G001008        | Jack Lever (Bush G0086)            | 0.375        | +0.0004                             | +0.0035             | YA          |
| 16.     | G00203         | Special Pin (Stepped)              | 0.375        | -0.0012                             | -0.0025             | Micrometer  |
|         |                |                                    | 0.25         | -0.003                              | -0.006              | Micrometer  |
| 17.     | G001088-9      | Latch Plate                        | 0.375        | +0.0004                             | +0.0035             | YA          |
| 18.     | G0071          | Roller                             | 0.375        | +0.0004                             | +0.0035             | YA          |
| 19.     | G001087        | Latch Plate                        | 0.25         | +0.0003                             | +0.0025             | VB          |

**TABLE 34**  
**NOSEWHEEL UNIT**  
**MATERIAL DETAILS**

*See Fig. No. 5/4, Ref. DH. Dwg. G001040 and G001098A*

| Key No. | Part No.  | Material.                  | Specification.                          | S.W.G.              | Description.               |
|---------|-----------|----------------------------|-----------------------------------------|---------------------|----------------------------|
| 1.      | G00183    | Mag. Alloy                 | DTD. 289                                | Casting             | Nosewheel Fork             |
| 2.      | G00223    | M.S. Tube                  | T. 45 or<br>DTD. 545D                   | 1½" dia. x 8 S.W.G. | Axle Tube                  |
| 3.      | G00182    | Dural                      | L. 40                                   | Bar or Forging      | Swivel Lug                 |
| 4.      | G00181    | Elektron                   | DTD. 289                                | Casting             | Nosewheel Barrel           |
| 5.      | AIR40012  | Stores Ref. No. T27M/458   | —                                       | —                   | Shock Absorber Unit        |
| 6.      | G00496    | Alum. Alloy                | L. 1, L. 40, or<br>DTD. 423A            | Forging             | Radius Rod Link            |
| 7.      | G00190    | Alum. Mag. Alloy           | DTD. 300                                | Casting             | Support Link               |
| 8.      | G00510ND  | Alum. Alloy                | L. 40 or<br>DTD. 423A                   | Bar                 | Lock Link (See G00495A)    |
| 9.      | G00184    | Alum. Mag. Alloy           | DTD. 300                                | Casting             | Radius Rod Fork            |
| 10.     | G00540ND  | M.S. Plate                 | DTD. 124A                               | 18 S.W.G.           | Lock Plate (See G00186A)   |
| 11.     | G00539ND  | Alum. Alloy                | Annealed<br>L. 1, L. 40 or<br>DTD. 423A | Forging             | Jack Pick-up (See G00187A) |
| 12.     | AIR40542  | Stores Ref. No. T27M/485   | —                                       | —                   | Jack, Hydraulic            |
| 22.     | SKF.B8    | Stores Ref. No. N35/31236  | —                                       | —                   | Bearing, Ball              |
| 23.     | G00212    | Make from A16Y/SS          | —                                       | —                   | Nut, Special               |
| 24.     | G00272    | Stores Ref. No. A79/500708 | —                                       | —                   | Spring                     |
| 25.     | G00225/1  | H.T. Bronze                | Immadium V1                             | —                   | Cam, Self-Centring         |
| 26.     | G00670    | M.S.B.                     | S. 1                                    | —                   | Peg, Slipper               |
| 27.     | G00669    | H.T.S.                     | S. 11                                   | —                   | Slipper                    |
| 28.     | G00313    | Dural                      | L. 1 or<br>DTD. 423A                    | —                   | Washer, Profile            |
| 29.     | G001723   | H.T.S.                     | S. 11                                   | —                   | Bolt, Cam Roller           |
| 30.     | G00716    | Steel                      | EN. 31                                  | —                   | Roller                     |
| 31.     | G00717    | Phos. Bronze               | BSS. 369 or<br>DTD. 265A                | —                   | Bush                       |
| 32.     | G00309    | Alum. Alloy                | DTD. 423A                               | —                   | Collar, Support            |
| 33.     | G001725ND | M.S.B.                     | S. 1                                    | —                   | Bar, Locking               |
| 34.     | G001064   | Dural                      | L. 1, L. 39, L. 40<br>or DTD. 423A      | —                   | Pick-up, Thrust Head       |
| 35.     | G00216    | H.T.S.                     | S. 2, S. 11 or<br>CA. 107               | —                   | Pin, Pivot Socket          |
| 36.     | SKF.08    | Stores Ref. No. N35/31235  | —                                       | —                   | Ball, Bearing              |
| 37.     | G00667    | M.S.B.                     | S. 1                                    | —                   | Bolt, Assembly             |
| 38.     | G00214    | H.T.S.                     | S. 2 or S.11                            | —                   | Socket, Pivot              |
| 39.     | G001721   | M.S.B.                     | S. 1                                    | —                   | Nut, Special               |

**TABLE 35**  
**NOSEWHEEL UNIT**  
**WEAR LIMITS**

*See Fig. No. 5/5*

| Key No. | Part No. | Description.                        | Nominal Dia. | Female High or Male Low Limit.      | Maximum Wear Limit.                 | Plug Gauge. |
|---------|----------|-------------------------------------|--------------|-------------------------------------|-------------------------------------|-------------|
| 1.      | G00224   | Special Bolt                        | 0.75         | -0.0025                             | -0.0045                             | Micrometer  |
| 2.      | G00183   | Wheel Fork (Bush G00218)            | 0.75         | +0.0005                             | +0.0035                             | XD          |
| 3.      | G00232   | Swivel Lug (Bush G00218)            | 0.75         | +0.0005                             | +0.0035                             | XD          |
| 4.      | G00217   | Special Pin                         | 0.75         | -0.0025                             | -0.0045                             | Micrometer  |
| 5.      | G00183   | Wheel Fork (Bush G00219)            | 0.75         | +0.0005                             | +0.0035                             | XD          |
| 6.      | AIR34456 | Piston Rod (Bush AIR31498)          | 0.75         | +0.0007                             | Refer to A.P.1803C, Vol. 2, Part 2. |             |
| 7.      | G00209   | Special Bolt                        | 0.5          | -0.0012                             | -0.0025                             | Micrometer  |
| 8.      | G00181   | Barrel, Lower Pick-up (Bush G00211) | 0.5          | +0.0004                             | +0.003                              | WE          |
| 9.      | G00496   | Lower Link                          | 0.5          | +0.0004                             | +0.003                              | WE          |
| 10.     | G00208   | Special Bolt                        | 0.375        | -0.0012                             | -0.0025                             | Micrometer  |
| 11.     | G00181   | Barrel, Upper Pick-up               | 0.375        | +0.0004                             | +0.0035                             | YA          |
| 12.     | G00190   | Upper Link                          | 0.375        | +0.0004                             | +0.0035                             | YA          |
| 13.     | G00190   | Upper Link                          | 0.75         | +0.0005                             | +0.0035                             | XD          |
| 14.     | G00663   | Fork End                            | 0.75         | +0.0005                             | +0.0035                             | XD          |
| 15.     | G00193   | Bush (Outside)                      | 0.75         | -0.0015                             | -0.0030                             | Micrometer  |
| 15.     | G00193   | Bush (Inside)                       | 0.5625       | +0.0004                             | +0.0035                             | ZA          |
| 16.     | G00198   | Special Bolt                        | 0.5625       | -0.002                              | -0.0045                             | Micrometer  |
| 17.     | G00510   | Radius Rod, Lower                   | 0.5625       | +0.0004                             | +0.0035                             | ZA          |
| 18.     | G00197   | Knuckle Pin                         | 0.5625       | -0.002                              | -0.0045                             | Micrometer  |
| 19.     | G00184   | Radius Rod, Upper                   | 0.5625       | +0.0004                             | +0.0035                             | ZA          |
| 20.     | G00510   | Radius Rod, Lower (Bush G00192)     | 0.5625       | +0.0004                             | +0.0035                             | ZA          |
| 21.     | G00203   | Special Pin (Stepped)               | 0.375        | -0.0012                             | -0.0025                             | Micrometer  |
|         |          |                                     | 0.25         | -0.003                              | -0.006                              | Micrometer  |
| 22.     | G00186   | Latch Plates                        | 0.375        | +0.0004                             | +0.0035                             | YA          |
|         |          |                                     | 0.25         | +0.0003                             | +0.0025                             | VB          |
| 23.     | G0070    | Roller                              | 0.375        | +0.0004                             | +0.0035                             | YA          |
| 24.     | G0050    | Special Bolt                        | 0.375        | -0.002                              | -0.0045                             | Micrometer  |
| 25.     | G00187   | Jack Lever (Bush G0048)             | 0.375        | +0.0004                             | +0.0035                             | YA          |
| 26.     | AIR31340 | Jack Head                           | 0.375        | Refer to A.P.1803C, Vol. 2, Part 2. |                                     |             |
| 27.     | G00649   | Special Bolt                        | 0.375        | -0.0025                             | -0.0045                             | Micrometer  |
| 28.     | G00200   | Jack Rod End (Bush G00201)          | 0.375        | +0.0004                             | +0.0035                             | YA          |
| 29.     | G00175   | Jack Pick-up (Bush G00210)          | 0.375        | +0.0004                             | +0.0035                             | YA          |

**TABLE 36**  
**NOSEWHEEL TOP STRUCTURE**  
**MATERIAL DETAILS**

*See Fig. No. 5/6, Ref. DH. Dwg. G00172A*

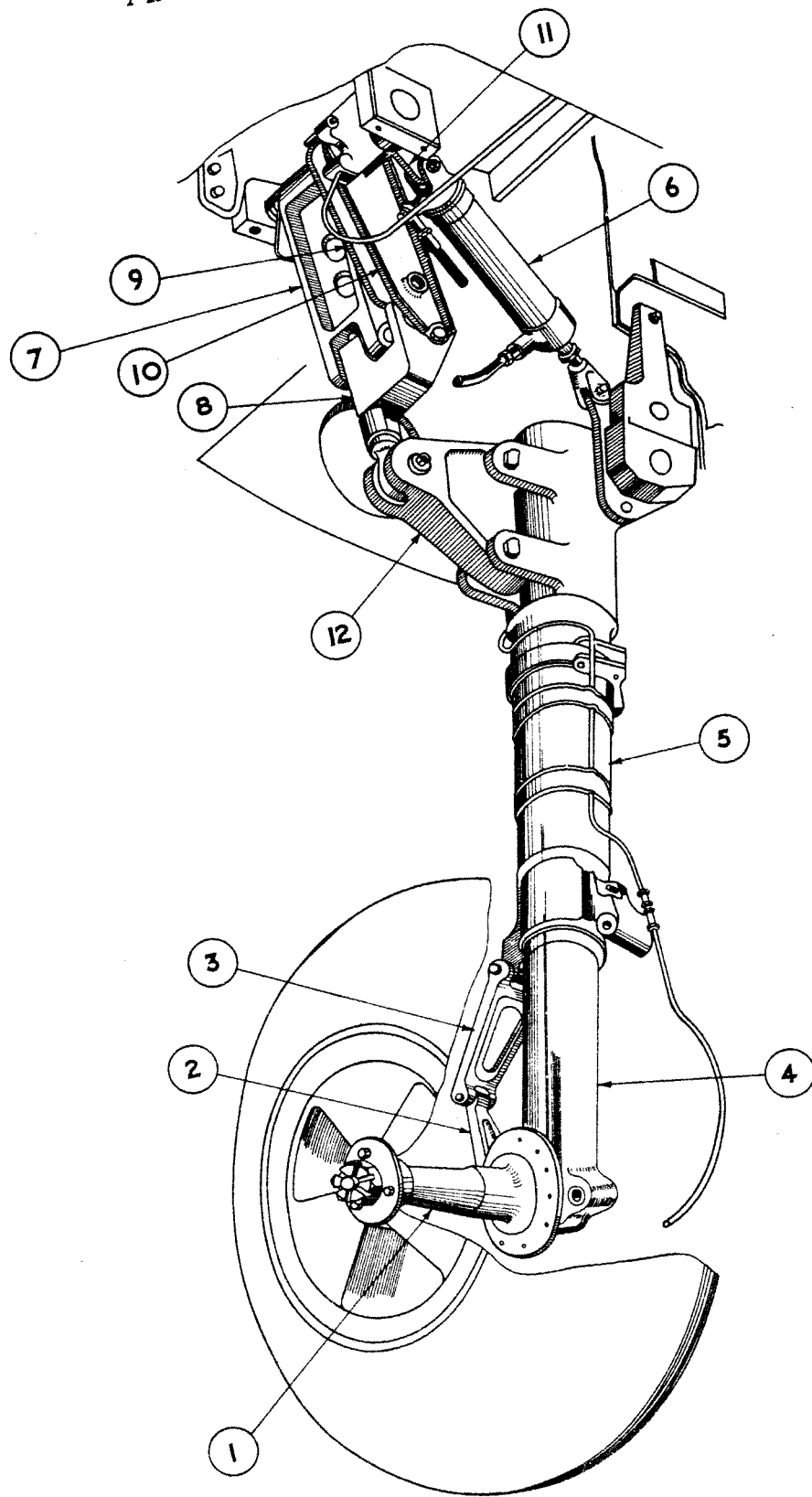
| Key No. | Part No. | Material.            | Specification.          | S.W.G.                        | Description.         |
|---------|----------|----------------------|-------------------------|-------------------------------|----------------------|
| 1.      | G00560ND | M.S. Tube            | DTD. 545 or T. 45       | 17 g. x 1 $\frac{1}{4}$ " o/d | Tube, Stay           |
| 2.      | G00563ND | M.S. Tube            | DTD. 545 or T. 45       | 20 g. x 1" o/d                | Tube, Stay           |
| 3.      | G00566ND | M.S. Tube            | DTD. 545 or T. 45       | 17 g. x 1 $\frac{1}{4}$ " o/d | Tube, Stay           |
| 4.      | G00284/1 | M.S. Tube            | T. 45 or H.T.S. Bar S.2 | 8 g. x 1 $\frac{1}{8}$ " o/d  | Bearing Tube         |
| 5.      | G00285/1 | Dural Bar or Forging | L. 1 or DTD. 423        | —                             | End Bearing          |
| 6.      | G00287-6 | Dural Bar or Forging | L. 1 or DTD. 423        | —                             | Bottom Bracket       |
| 7.      | Q002046A | M.S.P.               | S. 3 or DHA. 28         | 18 g.                         | Bracket, Glycol Tank |

**TABLE 37**  
**OVERSIZE BOLTS**  
**MAIN UNDERCARRIAGE**

| Part No.       | Description.                                                      | Fig. No.                                           | OVERSIZE PARTS. |               |                   | Remarks.                                                                                                                                    | Nominal Size. | Tolerance. |
|----------------|-------------------------------------------------------------------|----------------------------------------------------|-----------------|---------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|
|                |                                                                   |                                                    | Part No.        | Nominal Size. | Tolerance.        |                                                                                                                                             |               |            |
| G001013        | Special Bolt, for Radius Rod Pick-up, 11/16".                     | 5-3/1                                              | 00RG1           | .6925         | + .0<br>- .0005   | Radius Rod Pick-up and Oleo Casing Lugs to be reamed.                                                                                       | .6925         | ± .0005    |
|                |                                                                   |                                                    | 00RG3           | .6975         | + .0<br>- .0005   |                                                                                                                                             | .6975         | ± .0005    |
| N/S. G001825   | Special Bolt, Pre-Mod. V517 for Jack Attachment, 3/8" dia.        | 5-3/10                                             | 00RG5           | .380          | - .0012<br>- .002 | Jack Operating Sleeve Fork, and Jack Pick-up Bush to be reamed.                                                                             | .380          | ± .0004    |
| H.T.S. G001901 | Post-Mod. V517 3/8" dia.                                          |                                                    | 00RG7           | .385          | - .0012<br>- .002 |                                                                                                                                             | .385          | ± .0004    |
| Now V193       | <i>(V135 &amp; V136 must be embodied before V193 is embodied)</i> |                                                    |                 |               |                   |                                                                                                                                             |               |            |
| G00347         | Special Bolt, Upper Link of Radius Rod 2 BA.                      | Secure Lever (G00348) to Upper Link of Radius Rod. | 00RG9           | 1" BSF        |                   | Open out two No. 11 holes in Lever G00348 to "F" drill size. Drill Upper Link of Radius Rod with No. 5 drill, and tap with 1/4" B.S.F. tap. |               |            |

**OVERSIZE BOLTS**  
**NOSEWHEEL**

| Part No.     | Description.                    | Fig. No.                                                                                             | OVERSIZE PARTS. |               |                    | Remarks.                                                       | Nominal Size. | Tolerance. |
|--------------|---------------------------------|------------------------------------------------------------------------------------------------------|-----------------|---------------|--------------------|----------------------------------------------------------------|---------------|------------|
|              |                                 |                                                                                                      | Part No.        | Nominal Size. | Tolerance.         |                                                                |               |            |
| G00292 Mk. 3 | Bolt, Top Structure, 5/16" dia. | For securing Socket Plates (G001083 L.H. & 1084 R.H.) to Bottom Brackets (G001049 L.H. & 1050 R.H.). | 00RG11          | .3175         | + .0001<br>- .0004 | 5/16" holes in Socket Plates and Bottom Brackets to be reamed. | .3175         | ± .0004    |
|              |                                 |                                                                                                      | 00RG13          | .3225         | + .0001<br>- .0004 |                                                                | .3225         | ± .0004    |
|              |                                 |                                                                                                      | 00RG15          | .3275         | + .0001<br>- .0004 |                                                                | .3275         | ± .0004    |
|              |                                 |                                                                                                      | 00RG17          | .3325         | + .0001<br>- .0004 |                                                                | .3325         | ± .0004    |
| G001053      | Bolt, Top Structure, 3/8" dia.  | For securing Socket Plates (G001083 L.H. & 1084 R.H.) to Bottom Brackets (G001049 L.H. & 1050 R.H.). | 00RG19          | .380          | + .0001<br>- .0004 | 3/8" holes in Socket Plates and Bottom Brackets to be reamed.  | .380          | ± .0004    |
|              |                                 |                                                                                                      | 00RG21          | .385          | + .0001<br>- .0004 |                                                                | .385          | ± .0004    |
|              |                                 |                                                                                                      | 00RG23          | .390          | + .0001<br>- .0004 |                                                                | .390          | ± .0004    |
|              |                                 |                                                                                                      | 00RG25          | .395          | + .0001<br>- .0004 |                                                                | .395          | ± .0004    |



MAIN UNDERCARRIAGE

FIG. 5/1

FIG





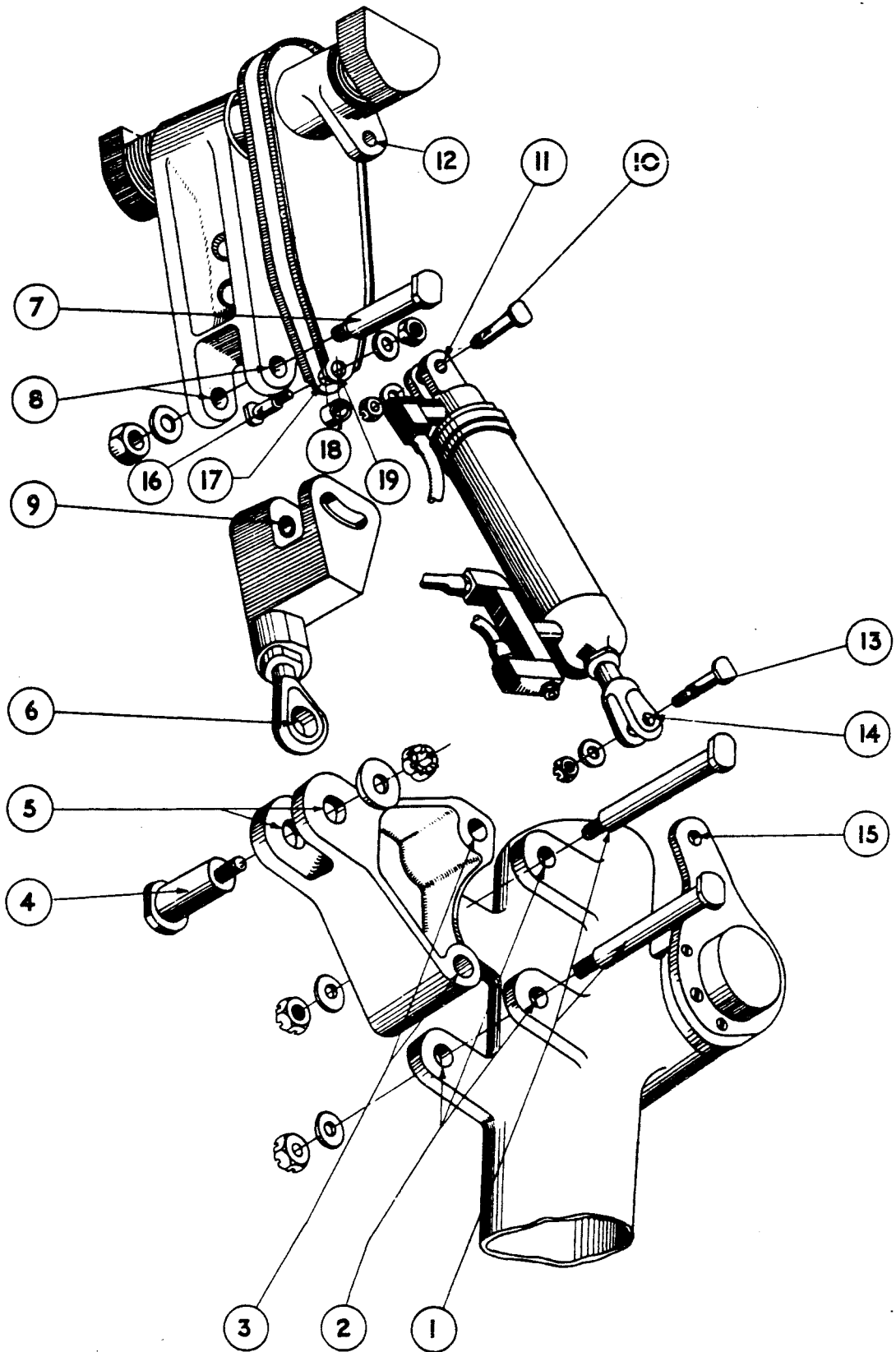
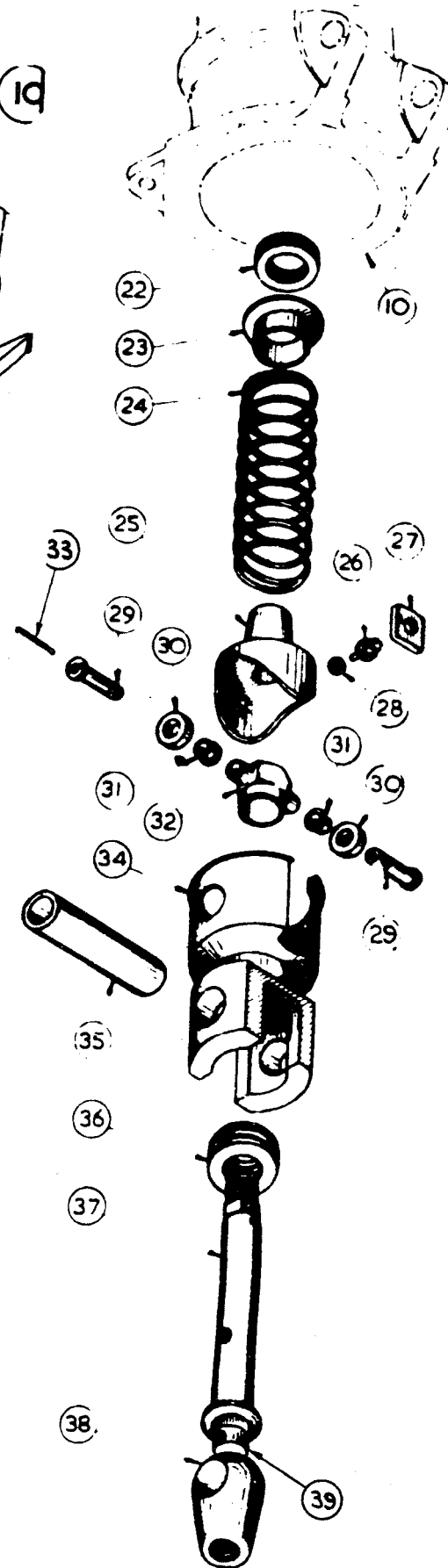
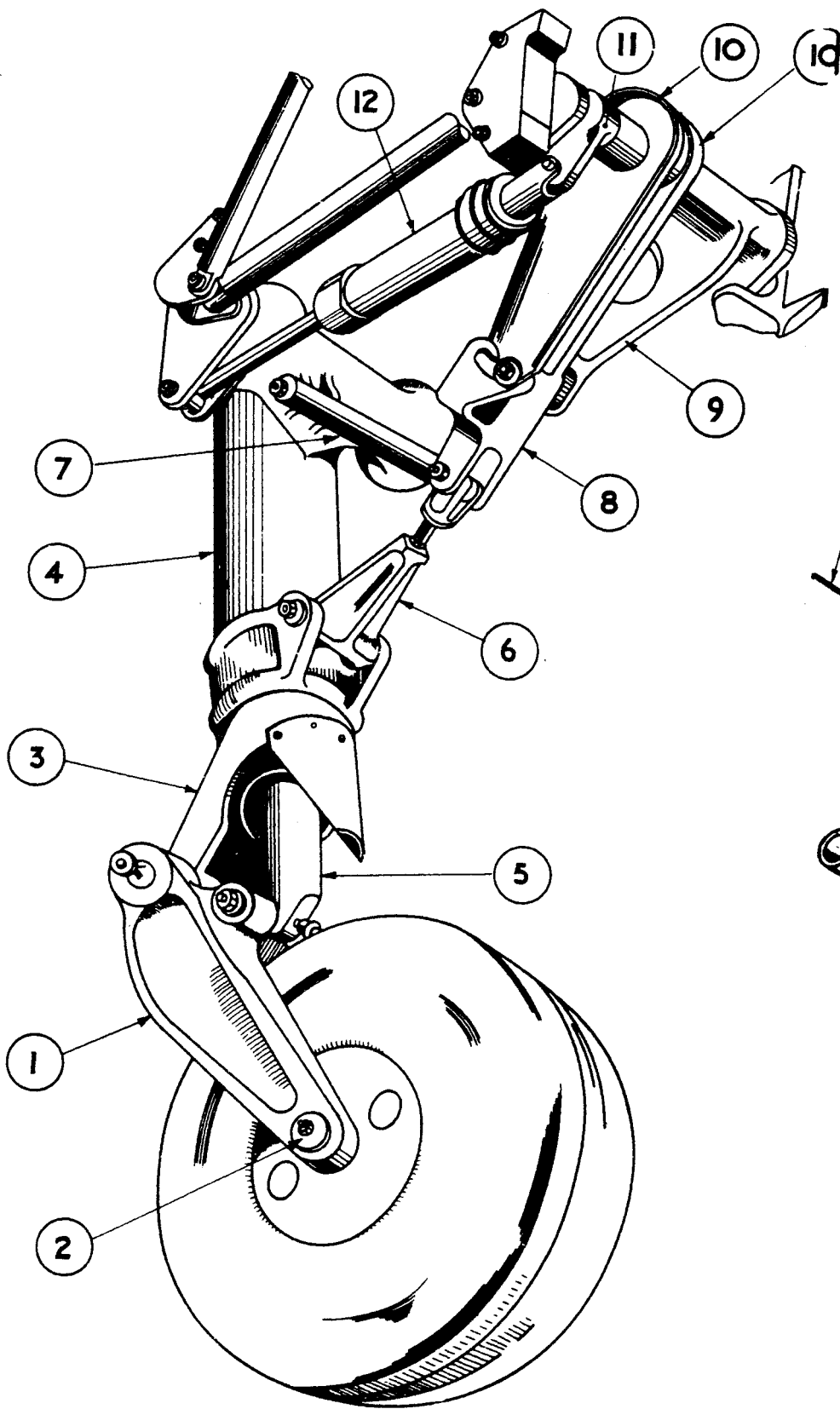


FIG. 5/3

EXPLODED VIEW OF UNDERCARRIAGE  
RETRACTING MECHANISM

FIG. 5/3



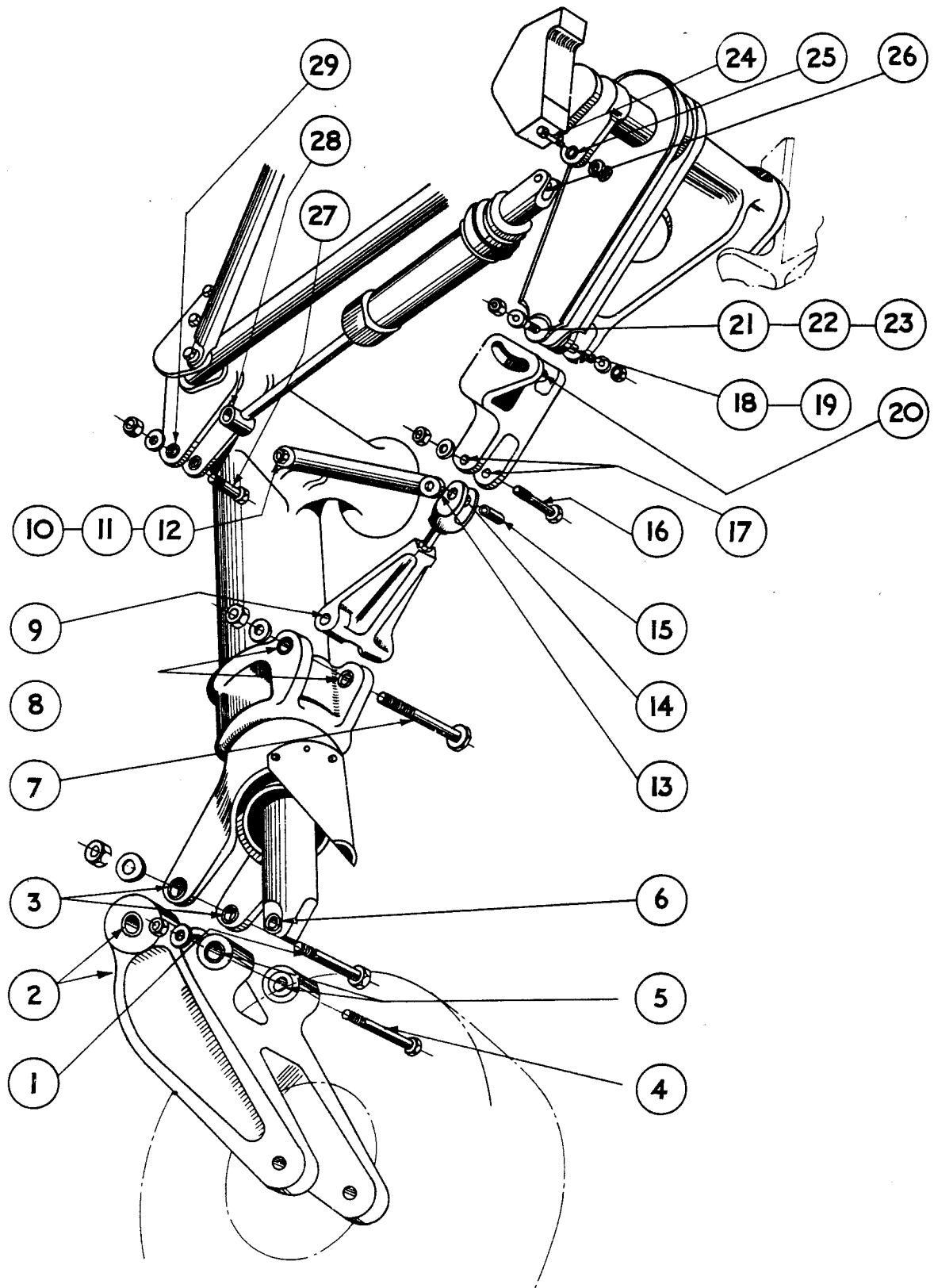


FIG. 5/5

EXPLODED VIEW OF STRUCTURE

FIG. 5/5

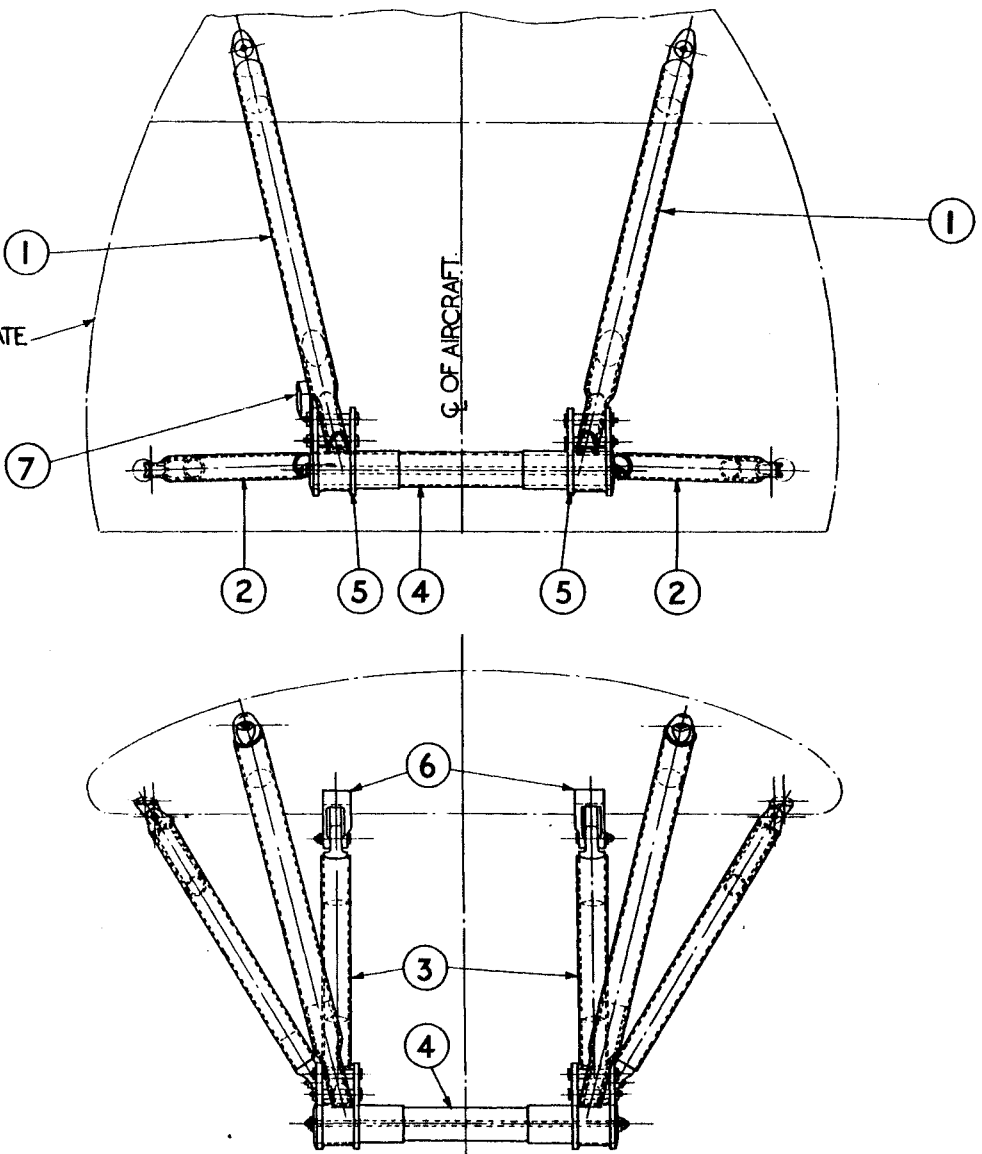


FIG. 5/6

NOSEWHEEL TOP STRUCTURE

FIG. 5/6

This file was downloaded  
from the RTFM Library.  
Link: [www.scottbouch.com/rtfm](http://www.scottbouch.com/rtfm)

Please see site for usage terms,  
and more aircraft documents.

