

PACKS, REFRIGERATION  
AA

Issued with A.L. 7.

## INDEX OF MAJOR UNITS

RESTRICTED

**RESTRICTED**

[illegible]

| TYPE / APPLICABILITY              |    |                            |    |         |    |         |    |         |    |         |    |         |    |         |    |         |
|-----------------------------------|----|----------------------------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|----|---------|
| Section AA — PACKS, REFRIGERATION |    |                            |    |         |    |         |    |         |    |         |    |         |    |         |    |         |
| ACCESSORY :-                      |    | PACK, REFRIGERATION 513530 |    |         |    |         |    |         |    |         |    |         |    |         |    |         |
| AIRCRAFT                          | MK | No. OFF                    | MK | No. OFF | MK | No. OFF | MK | No. OFF | MK | No. OFF | MK | No. OFF | MK | No. OFF | MK | No. OFF |
| SCIMITAR                          |    | 1                          |    |         |    |         |    |         |    |         |    |         |    |         |    |         |
| PACK, REFRIGERATION 513770        |    |                            |    |         |    |         |    |         |    |         |    |         |    |         |    |         |
| SCIMITAR                          |    | 1                          |    |         |    |         |    |         |    |         |    |         |    |         |    |         |
| PACK, REFRIGERATION 516940        |    |                            |    |         |    |         |    |         |    |         |    |         |    |         |    |         |
| SCIMITAR                          |    | 1                          |    |         |    |         |    |         |    |         |    |         |    |         |    |         |
|                                   |    |                            |    |         |    |         |    |         |    |         |    |         |    |         |    |         |
|                                   |    |                            |    |         |    |         |    |         |    |         |    |         |    |         |    |         |

### TYPE / APPLICABILITY

## AIRCRAFT

MK

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## PACKS, REFRIGERATION

| Ref. No.    | Part No.        | Description                                                                  | No.<br>Off | Matl.<br>Spec. | CL. OF              | Plate<br>No. |
|-------------|-----------------|------------------------------------------------------------------------------|------------|----------------|---------------------|--------------|
|             |                 |                                                                              |            |                | ST.<br>M.R.<br>L.M. |              |
| 27UA/1247   | 513530          | PACK, REFRIGERATION (R.N.) ... ..                                            | 1          | —              | P                   | AA 1         |
| 27UA/1617   | 556789          | Spares for :—<br>CLAMP, half, pipe attachment to torus inlet ...             | 4          | DTD.646        | C                   | AA 1         |
|             | DAS.582/16/2.0  | COUPLING, hose pipe attachment to heat exchanger<br>DUNLOP (PRE. AMDT. 8BH). | 1          | —              |                     | AA 1         |
| 27UA/1625   | DAS.582/16/2.25 | COUPLING, hose pipe attachment to heat exchanger<br>DUNLOP (AMDT. 8BH).      | 1          | —              | C                   | AA 1         |
| 28E/8183    | AGS.1000/1      | Clip, hose, "Jubilee" ... ..                                                 | 2          | —              | C                   |              |
| 27UA/1554   | 555457          | HEAT, exchanger and plenum, complete ... ..                                  | 1          | —              | P                   | AA 1         |
| 28F/9708    | AGS.1104/B      | Coupling, pipe ... ..                                                        | 1          | —              | C                   |              |
| 28F/9428453 | AGS.1186/B      | Seal bonded ... ..                                                           | 1          | —              | C                   |              |
| 27UA/1616   | 556149          | NAMEPLATE ... ..                                                             | 1          | L.16           | C                   | AA 1         |
| 27UA/1533   | AN.364/1032     | NUT, clamp attachment at torus inlet ... ..                                  | 2          | —              | C                   | AA 1         |
| 27UA/1553   | 555456          | ORIFICE ... ..                                                               | 1          | S.80           | C                   | AA 1         |
| 27UA/1525   | 201266/NA       | OUTLET, cooling air, complete (PRE. MOD. 10BH).                              | 1          | —              | C                   | AA 1         |
|             | 202354/NA       | OUTLET, cooling air, complete (MOD. 10BH) ...                                | 1          | —              |                     | AA 1         |
|             | 555458          | PIPE, complete, torus inlet to heat exchanger<br>(PRE. MOD. 4BH).            | 1          | —              |                     | AA 1         |
| 27UA/1615   | 557840          | PIPE, complete torus inlet to heat exchanger<br>(MOD. 4BH).                  | 1          | —              | C                   | AA 1         |
| 27UA/1621   | 5000/185MF      | RING, retaining of orifice — TRUARC ... ..                                   | 1          | —              | C                   | AA 1         |
| 27UA/1531   | AN.501/1032     | SCREW, clamp attachment at torus inlet ... ..                                | 1          | —              | C                   | AA 1         |
| 27UA/1003   | 2104/16A        | SEAL, connection of pipe at torus inlet ... ..                               | 1          | —              | C                   | AA 1         |
| 27UA/1527   | 555104/2        | SEAL, 'O' ring, sealing of outlet in plenum chamber.                         | 1          | MS.DP2461      | C                   | AA 1         |
| 27UA/1246   | 12/201270       | TURBINE, assembly ... ..                                                     | 1          | —              | P                   | AA 1         |
| 27UA/1562   | 555380          | Spares for :—<br>ADAPTER, charge air outlet ... ..                           | 1          | DTD.364        | C                   | AA 2         |
| 27UA/1606   | 551209/5        | CAP, shipping, torus inlet ... ..                                            | 1          | POL.           | C                   | AA 2         |
| 27UA/1609   | 551209/6        | CAP, shipping, turbine inlet ... ..                                          | 1          | POL.           | C                   | AA 2         |
| 27UA/999    | 17445/369       | CLAMP, at attachment of inlet rotating assembly<br>and torus.                | 1          | —              | C                   | AA 2         |
| 27UA/1556   | 202182/NA       | INLET, 'Matched Set', supplied in two halves ...                             | 1          | DTD.276        | C                   | AA 2         |
| 27UA/1613   | AN.345/10       | NUT, clamp attachment ... ..                                                 | 1          | —              | C                   | AA 2         |
|             | 1801/40         | NUT, inlet attachment ... ..                                                 | 2          | —              |                     | AA 2         |
| 27UA/1558   | S.8057/124/NA   | PACKING, 'O' ring at attachment of rotating<br>assembly to torus.            | 1          | SILASTIC       | C                   | AA 2         |
| 27UA/1607   | 551212          | PLATE, name and mod. ... ..                                                  | 1          | L.16           | C                   | AA 2         |
| 28S/6634    | 2R-1/8"         | Screw ... ..                                                                 | 4          | —              | C                   |              |
| 27UA/1608   | S.8333/1/NA     | PLATE, lubricator ... ..                                                     | 1          | L.16           | C                   | AA 2         |
|             | 559670          | ROTATING, assembly (MOD. 7BR) ... ..                                         | 1          | —              |                     | AA 2         |
| 27UA/1565   | 201755/5/NA     | ROTATING, assembly (PRE. MOD. 7BR) ... ..                                    | 1          | —              | P                   | AA 2         |
|             |                 | Spares for :—<br>BEARING, ball ... ..                                        | 2          | —              | C                   | AA 3         |
| 27UA/1589   | PS.201619/NA    | BOLT, fan attachment to wheel ... ..                                         | 3          | S.99           | C                   | AA 3         |
| 27UA/1583   | 201283/NA       | CARRIER, complete ... ..                                                     | 1          | —              | C                   | AA 3         |
| 27UA/1599   | 202242/NA       | FAN (PRE. MOD. 7BR) ... ..                                                   | 1          | L.65           | C                   | AA 3         |
| 27UA/1568   | 201275/NA       | FAN (MOD. 7BR) ... ..                                                        | 1          | —              |                     | AA 3         |
|             | 202387/NA       | NUT, fan attachment to wheel ... ..                                          | 3          | —              |                     | AA 3         |
|             | 558323          |                                                                              |            |                |                     |              |

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## PACKS, REFRIGERATION

| Ref. No.  | Part No.           | Description |   |   |   |   | No.<br>Off | Matl.<br>Spec. | CL. OF              | Plate<br>No. |
|-----------|--------------------|-------------|---|---|---|---|------------|----------------|---------------------|--------------|
|           |                    | 1           | 2 | 3 | 4 | 5 |            |                | ST.<br>M.R.<br>L.M. |              |
| 27UA/1596 | 201104/NA          |             |   |   |   |   | 1          | —              | C                   | AA 3         |
| 27UA/1592 | S.8057/115/NA      |             |   |   |   |   | 1          | SILASTIC       | C                   | AA 3         |
| 27UA/1595 | 201279/NA          |             |   |   |   |   | 1          | DTD.364        | C                   | AA 3         |
| 27UA/1588 | 201616/NA          |             |   |   |   |   | 2          | BS.1630/C      | C                   | AA 3         |
| 27UA/1593 | NAS.50/102         |             |   |   |   |   | 1          | —              | C                   | AA 3         |
| 27UA/1598 | 201597/NA          |             |   |   |   |   | 1          | STEEL          | C                   | AA 3         |
| 27UA/1579 | 201282/1/NA        |             |   |   |   |   | AR         | BS.407/2       | C                   | AA 3         |
| 27UA/1580 | 201282/2/NA        |             |   |   |   |   | AR         | DTD.166        | C                   | AA 3         |
| 27UA/1581 | 201282/3/NA        |             |   |   |   |   | AR         | DTD.166        | C                   | AA 3         |
| 27UA/1582 | 201282/4/NA        |             |   |   |   |   | AR         | BS.407/2       | C                   | AA 3         |
| 27UA/1572 | 202462/10/NA       |             |   |   |   |   | AR         | —              | C                   | AA 3         |
| 27UA/1573 | 202462/11/NA       |             |   |   |   |   | AR         | —              | C                   | AA 3         |
| 27UA/1574 | 202462/12/NA       |             |   |   |   |   | AR         | —              | C                   | AA 3         |
| 27UA/1575 | 202462/13/NA       |             |   |   |   |   | AR         | —              | C                   | AA 3         |
| 27UA/1576 | 202462/14/NA       |             |   |   |   |   | AR         | —              | C                   | AA 3         |
| 27UA/1577 | 202462/15/NA       |             |   |   |   |   | AR         | —              | C                   | AA 3         |
| 27UA/1578 | 202462/16/NA       |             |   |   |   |   | AR         | —              | C                   | AA 3         |
| 27UA/1570 | 201599/NA          |             |   |   |   |   | 1          | DTD.137        | C                   | AA 3         |
| 27UA/1590 | 201105/NA          |             |   |   |   |   | 1          | S.92           | C                   | AA 3         |
| 27UA/1569 | 201277/NA          |             |   |   |   |   | 1          | STEEL          | C                   | AA 3         |
| 27UA/1586 | 201419/NA          |             |   |   |   |   | 1          | DTD.215        | C                   | AA 3         |
| 27UA/1585 | 201614/NA          |             |   |   |   |   | 6          | FELT           | C                   | AA 3         |
| 27UA/1571 | 201285/NA          |             |   |   |   |   | 1          | DTD.137        | C                   | AA 3         |
| 27UA/1587 | 201615/NA          |             |   |   |   |   | 2          | FELT           | C                   | AA 3         |
| 27UA/1567 | 201348/1/NA        |             |   |   |   |   | 1          | DTD.364        | C                   | AA 3         |
| 27UA/1584 | 15880/6/NA         |             |   |   |   |   | 2          | FELT           | C                   | AA 3         |
|           | AN.500/AC4/7       |             |   |   |   |   | 2          | —              |                     | AA 2         |
| 27UA/1557 | 201719/NA          |             |   |   |   |   | 4          | S.14           | C                   | AA 2         |
|           | 0130/3             |             |   |   |   |   | 1          | SILASTIC       |                     | AA 2         |
| 27UA/1611 | 0130/9             |             |   |   |   |   | 1          | SILASTIC       | C                   | AA 2         |
| 27UA/1561 | 201292/NA          |             |   |   |   |   | 1          | —              | C                   | AA 2         |
|           | S.8154/160C/025/NA |             |   |   |   |   | 4          | S.84           |                     | AA 2         |
| 27UA/1532 | AN.960/10L         |             |   |   |   |   | 4          | —              | C                   | AA 1         |
| 27UA/1526 | 201273/NA          |             |   |   |   |   | 1          | DTD.187        | C                   | AA 1         |

## PACKS, REFRIGERATION

| Ref. No.    | Part No.        | Description                                                                    | No.<br>Off | Matl.<br>Spec. | CL. OF<br>ST. | Plate<br>No. |
|-------------|-----------------|--------------------------------------------------------------------------------|------------|----------------|---------------|--------------|
|             |                 |                                                                                |            |                | M.R.<br>L.M.  |              |
| 27UA/1191   | 513770          | PACK, REFRIGERATION (R.N.) ... ..                                              | 1          | —              | P             | AA 1         |
|             |                 | Spares for :—                                                                  |            |                |               |              |
| 27UA/1617   | 556789          | CLAMP, complete ... ..                                                         | 4          | —              | C             | AA 1         |
|             | DAS.582/16/2.0  | COUPLING, hose pipe attachment to heat exchanger<br>DUNLOP (PRE. MOD. 8BH).    | 1          | —              |               | AA 1         |
| 27UA/1625   | DAS.582/16/2.25 | COUPLING, hose pipe attachment to heat exchanger<br>DUNLOP (AMDT. 8BH).        | 1          | —              | C             | AA 1         |
| 28E/8183    | AGS.1000/1      | Clip, 'Jubilee' ... ..                                                         | 2          | —              | C             | AA 1         |
| 27UA/1554   | 555457          | HEAT, exchanger and plenum, complete ... ..                                    | 1          | —              | C             | AA 1         |
| 28F/9708    | AGS.1104/B      | Coupling, pipe ... ..                                                          | 1          | —              | C             |              |
| 28F/9428453 | AGS.1186/B      | Seal, bonded ... ..                                                            | 1          | —              | C             |              |
| 27UA/1616   | 556149          | NAMEPLATE ... ..                                                               | 1          | L.16           | C             | AA 1         |
| 27UA/1533   | AN.364/1032     | NUT, pipe attachment, torus inlet ... ..                                       | 2          | —              | C             | AA 1         |
| 27UA/1553   | 555456          | ORIFICE ... ..                                                                 | 1          | S.80           | C             | AA 1         |
| 27UA/1525   | 201266/NA       | OUTLET, cooling air, complete (PRE. MOD. 10BH).                                | 1          | —              | C             | AA 1         |
|             | 202354/NA       | OUTLET, cooling air, complete (MOD. 10BH) ...                                  | 1          | —              |               | AA 1         |
|             | 555458          | PIPE, complete, torus inlet to heat exchanger<br>(PRE. MOD. 4BH).              | 1          | —              |               | AA 1         |
| 27UA/1615   | 557840          | PIPE, complete, torus inlet to heat exchanger<br>(MOD. 4BH).                   | 1          | —              | C             | AA 1         |
| 27UA/1621   | 5000/185MF      | RING, orifice retaining — TRUARC ... ..                                        | 1          | —              | C             | AA 1         |
| 27UA/1622   | AN.501/1024     | SCREW, clamp attachment at torus inlet ... ..                                  | 2          | —              | C             | AA 1         |
| 27UA/1003   | 2104/16A        | SEAL, connection of pipe at torus inlet ... ..                                 | 1          | —              | C             | AA 1         |
| 27UA/1527   | 555104/2        | SEAL, 'O' ring, sealing of outlet in plenum chamber.                           | 1          | MS.DP2461      | C             | AA 1         |
| 27UA/1005   | 13/201270       | TURBINE, assembly ... ..                                                       | 1          | —              | P             | AA 1         |
|             |                 | Spares for :—                                                                  |            |                |               |              |
| 27UA/1562   | 555380          | ADAPTER, charge air outlet ... ..                                              | 1          | DTD.364        | C             | AA 2         |
| 27UA/1606   | 551209/5        | CAP, shipping, torus inlet ... ..                                              | 1          | POL.           | C             | AA 2         |
| 27UA/1609   | 551209/6        | CAP, shipping, turbine inlet ... ..                                            | 1          | POL.           | C             | AA 2         |
| 27UA/1252   | C.7039          | CLAMP, at attachment of inlet, rotating assembly<br>and torus — KING AIRCRAFT. | 1          | —              | C             | AA 2         |
| 27UA/1556   | 202182/NA       | INLET, 'Matched Set', supplied in two halves ...                               | 1          | DTD.276        | C             | AA 2         |
|             | 1801/40         | NUT, inlet attachment ... ..                                                   | 2          | —              |               | AA 2         |
| 27UA/1607   | 551212          | PLATE, name and mod. ... ..                                                    | 1          | L.16           | C             | AA 2         |
| 28S/6634    | 2R-1/8"         | Screw ... ..                                                                   | 4          | —              | C             |              |
| 27UA/1608   | S.8333/1/NA     | PLATE, lubricator ... ..                                                       | 1          | L.16           | C             | AA 2         |
|             | 559671          | ROTATING, assembly (MOD. 7BR) ... ..                                           | 1          | —              |               | AA 2         |
| 27UA/1566   | 555103          | ROTATING, assembly (PRE. MOD. 7BR) ...                                         | 1          | —              | P             | AA 2         |
|             |                 | Spares for :—                                                                  |            |                |               |              |
| 27UA/1589   | PS.201619/NA    | BEARING, ball ... ..                                                           | 2          | —              | C             | AA 3         |
| 27UA/1583   | 201283/NA       | BOLT, fan attachment to wheel ... ..                                           | 3          | S.99           | C             | AA 3         |
| 27UA/1599   | 202242/NA       | CARRIER, complete ... ..                                                       | 1          | —              | C             | AA 3         |
| 27UA/1568   | 201275/NA       | FAN (PRE. MOD. 7BR) ... ..                                                     | 1          | L.65           | C             | AA 3         |
|             | 202387/NA       | FAN (MOD. 7BR) ... ..                                                          | 1          | —              |               | AA 3         |
|             | 558323          | NUT, fan attachment to wheel ... ..                                            | 3          | —              |               | AA 3         |
| 27UA/1596   | 201104/NA       | NUT, shaft (MOD. 7BR) ... ..                                                   | 1          | —              | C             | AA 3         |
| 27UA/1595   | 201279/NA       | RETAINER, spring ... ..                                                        | 1          | DTD.364        | C             | AA 3         |
| 27UA/1588   | 201616/NA       | RETAINER, oil wick ... ..                                                      | 2          | BS.1630/C      | C             | AA 3         |
| 27UA/1594   | 5000/102        | RING, at spring retainer — TRUARC ... ..                                       | 1          | —              | C             | AA 3         |
| 27UA/1591   | 555104/3        | SEAL, 'O' ring ... ..                                                          | 1          | AM13.65/75     | C             | AA 3         |

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## PACKS, REFRIGERATION

| Ref. No.  | Part No.           | Description |   |   |   |   | No. Off | Matl. Spec. | CL. OF              | Plate No.                                        |
|-----------|--------------------|-------------|---|---|---|---|---------|-------------|---------------------|--------------------------------------------------|
|           |                    | 1           | 2 | 3 | 4 | 5 |         |             | ST.<br>M.R.<br>L.M. |                                                  |
| 27UA/1598 | 201597/NA          |             |   |   |   |   | 1       | STEEL       | C                   | AA 3                                             |
| 27UA/1579 | 201282/1/NA        |             |   |   |   |   | AR      | BS.407/2    | C                   | AA 3                                             |
| 27UA/1580 | 201282/2/NA        |             |   |   |   |   | AR      | DTD.166     | C                   | AA 3                                             |
| 27UA/1581 | 201282/3/NA        |             |   |   |   |   | AR      | DTD.166     | C                   | AA 3                                             |
| 27UA/1582 | 201282/4/NA        |             |   |   |   |   | AR      | BS.407/2    | C                   | AA 3                                             |
| 27UA/1572 | 202462/10/NA       |             |   |   |   |   | AR      | —           | C                   | AA 3                                             |
| 27UA/1573 | 202462/11/NA       |             |   |   |   |   | AR      | —           | C                   | AA 3                                             |
| 27UA/1574 | 202462/12/NA       |             |   |   |   |   | AR      | —           | C                   | AA 3                                             |
| 27UA/1575 | 202462/13/NA       |             |   |   |   |   | AR      | —           | C                   | AA 3                                             |
| 27UA/1576 | 202462/14/NA       |             |   |   |   |   | AR      | —           | C                   | AA 3                                             |
| 27UA/1577 | 202462/15/NA       |             |   |   |   |   | AR      | —           | C                   | AA 3                                             |
| 27UA/1578 | 202462/16/NA       |             |   |   |   |   | AR      | —           | C                   | AA 3                                             |
| 27UA/1570 | 201599/NA          |             |   |   |   |   | 1       | DTD.137     | C                   | AA 3                                             |
| 27UA/1590 | 201105/NA          |             |   |   |   |   | 1       | S.92        | C                   | AA 3                                             |
| 27UA/1569 | 201277/NA          |             |   |   |   |   | 1       | STEEL       | C                   | AA 3                                             |
| 27UA/1586 | 201419/NA          |             |   |   |   |   | 1       | DTD.215     | C                   | AA 3                                             |
| 27UA/1585 | 201614/NA          |             |   |   |   |   | 6       | FELT        | C                   | AA 3                                             |
| 27UA/1571 | 201285/NA          |             |   |   |   |   | 1       | DTD.137     | C                   | AA 3                                             |
| 27UA/1587 | 201615/NA          |             |   |   |   |   | 2       | FELT        | C                   | AA 3                                             |
| 27UA/1567 | 201348/1/NA        |             |   |   |   |   | 1       | DTD.364     | C                   | AA 3                                             |
| 27UA/1584 | 15880/6/NA         |             |   |   |   |   | 2       | FELT        | C                   | AA 3                                             |
|           | AN.500/AC4/7       |             |   |   |   |   | 2       | —           |                     | AA 2                                             |
| 27UA/1557 | 201719/NA          |             |   |   |   |   | 4       | S.14        | C                   | AA 2                                             |
| 27UA/1559 | 555104/1           |             |   |   |   |   | 1       | AM13.65/75  | C                   | AA 2                                             |
|           |                    |             |   |   |   |   |         |             |                     | to torus.                                        |
| 27UA/1527 | 555104/2           |             |   |   |   |   | 1       | MS.DP2461   | C                   | AA 2                                             |
| 27UA/1610 | 555104/10          |             |   |   |   |   | 1       | MS.DP2461   | C                   | AA 2                                             |
|           |                    |             |   |   |   |   |         |             |                     | SEAL, 'O' ring, rotating assembly to carrier ... |
|           |                    |             |   |   |   |   |         |             |                     | SEAL, 'O' ring, inlet ...                        |
| 27UA/1561 | 201292/NA          |             |   |   |   |   | 1       | —           | C                   | AA 2                                             |
|           | S.8154/160C/025/NA |             |   |   |   |   | 4       | S.84        |                     | AA 2                                             |
|           |                    |             |   |   |   |   |         |             |                     | TORUS, complete ...                              |
|           |                    |             |   |   |   |   |         |             |                     | WASHER, inlet halves attachment ...              |
| 27UA/1532 | AN.960/10L         |             |   |   |   |   | 4       | —           | C                   | AA 1                                             |
| 27UA/1526 | 201273/NA          |             |   |   |   |   | 1       | DTD.187     | C                   | AA 1                                             |
|           |                    |             |   |   |   |   |         |             |                     | WASHER, at attachment of inlet to plenum ...     |

## PACKS, REFRIGERATION

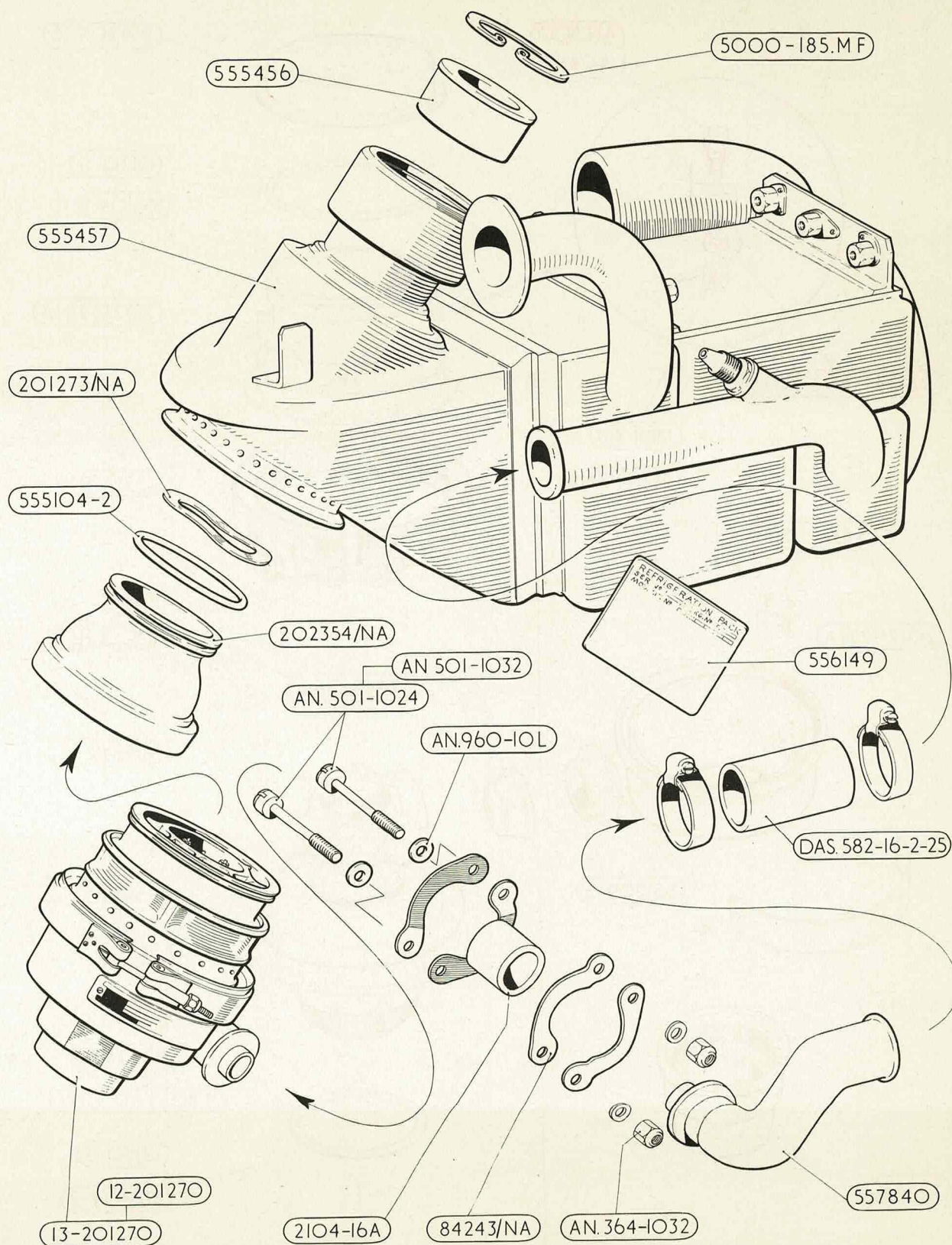
| Ref. No.  | Part No.        | Description                                      | No. Off | Matl. Spec. | CL. OF ST.   | Plate No. |
|-----------|-----------------|--------------------------------------------------|---------|-------------|--------------|-----------|
|           |                 |                                                  |         |             | M.R.<br>L.M. |           |
| 27UA/1417 | 516940          | PACK, REFRIGERATION (R.N.) ... ..                | 1       | —           | P            | AA 4      |
|           |                 | Spares for :—                                    |         |             |              |           |
| 27UA/1617 | 556789          | CLAMP, half, complete ... ..                     | 4       | —           | C            | AA 4      |
| 27UA/1625 | DAS.582/16/2.25 | COUPLING, hose — DUNLOP ... ..                   | 1       | —           | C            | AA 4      |
| 28E/8183  | AGS.1000/1      | Clip, hose, 'Jubilee' ... ..                     | 1       | —           | C            |           |
| 27UA/1555 | 517530          | HEAT EXCHANGER AND PLENUM, complete ...          | 1       | —           | P            | AA 4      |
| 27UA/1616 | 556149          | NAMEPLATE ... ..                                 | 1       | L.16        | C            | AA 4      |
|           | OP.13098        | NAMEPLATE ... ..                                 | 1       | —           |              | AA 4      |
| 27UA/1533 | AN.364/1032     | NUT ... ..                                       | 2       | —           | C            | AA 4      |
|           | 202354/NA       | OUTLET, cooling air, complete (MOD. 10BH) ...    | 1       | —           |              | AA 4      |
| 27UA/1525 | 201266/NA       | OUTLET, cooling air, complete (PRE. MOD. 10BH).  | 1       | —           | C            |           |
| 27UA/1615 | 557840          | PIPE, complete torus inlet to heat exchanger ... | 1       | —           | C            | AA 4      |
| 27UA/1527 | 555104/2        | RING, 'O', sealing ... ..                        | 1       | MS.240      | C            | AA 4      |
| 27UA/1531 | AN.501/1032     | SCREW, clamp attachment at torus inlet ...       | 2       | —           | C            | AA 4      |
| 27UA/1003 | 2104/16A        | SEAL, connection of pipe at torus inlet ...      | 1       | —           | C            | AA 4      |
| 27UA/1418 | 19/201270/NA    | TURBINE, assembly ... ..                         | 1       | —           | P            | AA 4      |
|           |                 | Spares for :—                                    |         |             |              |           |
| 27UA/1564 | 557793          | ADAPTER ... ..                                   | 1       | L.65        | C            | AA 5      |
|           | 551209/6        | CAP, shipping turbine inlet ... ..               | 1       | POL.        |              | AA 5      |
| 27UA/1252 | C.7039          | CLAMP — KING AIRCRAFT ... ..                     | 1       | —           | C            | AA 5      |
| 27UA/1556 | 202182/NA       | INLET, 'Matched Set' ... ..                      | 1       | DTD.276     | C            | AA 5      |
| 28M/10337 | AGS.2002/A2     | Nut ... ..                                       | 2       | —           | C            |           |
| 27UA/1607 | 551212          | PLATE, name and mod. ... ..                      | 1       | L.16        | C            | AA 5      |
| 28S/6634  | 2R-1/8"         | Screw ... ..                                     | 4       | —           | C            |           |
| 27UA/1608 | S8333/1/NA      | PLATE, lubrication ... ..                        | 1       | L.16        | C            | AA 5      |
|           | 559671          | ROTATING, assembly (MOD. 7BR) ... ..             | 1       | —           |              | AA 5      |
| 27UA/1566 | 555103          | ROTATING, assembly (PRE. MOD. 7BR) ...           | 1       | —           | P            |           |
|           |                 | Spares for :—                                    |         |             |              |           |
| 27UA/1589 | PS.201619/NA    | BEARING, ball ... ..                             | 2       | —           | C            | AA 6      |
| 27UA/1583 | 201283/NA       | BOLT, fan attachment to wheel ... ..             | 3       | —           | C            | AA 6      |
| 27UA/1599 | 202242/NA       | CARRIER, complete ... ..                         | 1       | —           | C            | AA 6      |
|           | 202387/NA       | FAN (MOD. 7BR) ... ..                            | 1       | —           |              | AA 6      |
| 27UA/1568 | 201275/NA       | FAN (PRE. MOD. 7BR) ... ..                       | 1       | L.65        | C            |           |
|           | 558323          | NUT, fan attachment to wheel ... ..              | 3       | —           |              | AA 6      |
| 27UA/1597 | 555105          | NUT, shaft (PRE. MOD. 9BR) ... ..                | 1       | —           | C            |           |
| 27UA/1596 | 201104/NA       | NUT, shaft (MODS. 9BR — 7BR) ... ..              | 1       | —           | C            | AA 6      |
| 27UA/1595 | 201279/NA       | RETAINER, spring ... ..                          | 1       | DTD.364     | C            | AA 6      |
| 27UA/1588 | 201616/NA       | RETAINER, oil wick ... ..                        | 2       | BS.1630/C   | C            | AA 6      |
| 27UA/1594 | 5000/102        | RING, at spring retainer — TRUARC ...            | 1       | —           | C            | AA 6      |
| 27UA/1591 | 555104/3        | SEAL, 'O' ring ... ..                            | 1       | AM13.65/75  | C            | AA 6      |
| 27UA/1598 | 201597/NA       | SHAFT, turbine ... ..                            | 1       | STEEL       | C            | AA 6      |

Page AA 6

## PACKS, REFRIGERATION

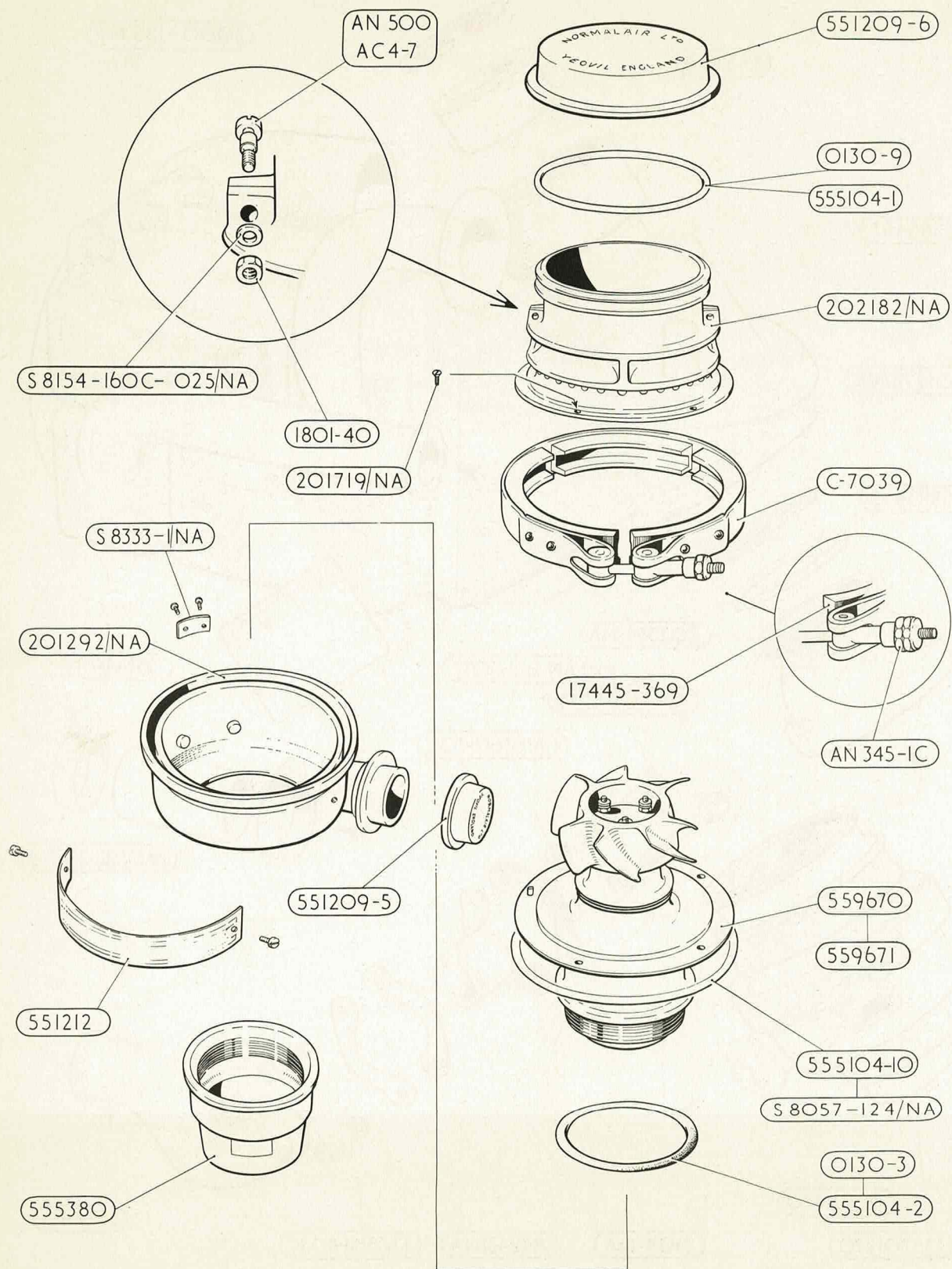
| Ref. No.  | Part No.     | Description |   |   |   |                                                          | No. Off | Matl. Spec. | CL. OF ST. | Plate No. |
|-----------|--------------|-------------|---|---|---|----------------------------------------------------------|---------|-------------|------------|-----------|
|           |              | 1           | 2 | 3 | 4 | 5                                                        |         |             | M.R.       |           |
|           |              |             |   |   |   |                                                          |         |             | L.M.       |           |
| 27UA/1579 | 201282/1/NA  |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | BS.407/2    | C          | AA 3      |
| 27UA/1580 | 201282/2/NA  |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | DTD.166     | C          | AA 3      |
| 27UA/1581 | 201282/3/NA  |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | DTD.166     | C          | AA 3      |
| 27UA/1582 | 201282/4/NA  |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | BS.407/2    | C          | AA 3      |
| 27UA/1572 | 202462/10/NA |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | —           | C          | AA 3      |
| 27UA/1573 | 202462/11/NA |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | —           | C          | AA 3      |
| 27UA/1574 | 202462/12/NA |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | —           | C          | AA 3      |
| 27UA/1575 | 202462/13/NA |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | —           | C          | AA 3      |
| 27UA/1576 | 202462/14/NA |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | —           | C          | AA 3      |
| 27UA/1577 | 202462/15/NA |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | —           | C          | AA 3      |
| 27UA/1578 | 202462/16/NA |             |   |   |   | SHIM, at attachment of shaft to wheel ...                | AR      | —           | C          | AA 3      |
| 27UA/1570 | 201599/NA    |             |   |   |   | SLINGER, oil ...                                         | 1       | DTD.137     | C          | AA 6      |
| 27UA/1590 | 201105/NA    |             |   |   |   | SLINGER, oil ...                                         | 1       | S.92        | C          | AA 6      |
| 27UA/1569 | 201277/NA    |             |   |   |   | SPACER, bearing ...                                      | 1       | STEEL       | C          | AA 6      |
| 27UA/1586 | 201419/NA    |             |   |   |   | SPRING, compression ...                                  | 1       | DTD.215     | C          | AA 6      |
| 27UA/1585 | 201614/NA    |             |   |   |   | WASHER, oil wick ...                                     | 6       | FELT        | C          | AA 6      |
| 27UA/1571 | 201285/NA    |             |   |   |   | WASHER, at fan attachment bolts ...                      | 1       | DTD.137     | C          | AA 6      |
| 27UA/1587 | 201615/NA    |             |   |   |   | WASHER, split, oil wick ...                              | 2       | FELT        | C          | AA 6      |
| 27UA/1567 | 201348/NA    |             |   |   |   | WHEEL ...                                                | 1       | DTD.134     | C          | AA 6      |
| 27UA/1584 | 15880/6/NA   |             |   |   |   | WICK, oil ...                                            | 2       | FELT        | C          | AA 6      |
| 27UA/1614 | 555460       |             |   |   |   | SCREW, inlet attachment ...                              | 2       | S.80        | C          | AA 5      |
| 27UA/1557 | 201719/NA    |             |   |   |   | SCREW, attachment of inlet to rotating assembly.         | 4       | S.14        | C          | AA 5      |
| 27UA/1559 | 555104/1     |             |   |   |   | SEAL, 'O' ring attachment of rotating assembly to torus. | 1       | AM.13.65/75 | C          | AA 5      |
| 27UA/1527 | 555104/2     |             |   |   |   | SEAL, 'O' ring, rotating assembly to carrier ...         | 1       | MS.240      | C          | AA 5      |
| 27UA/1610 | 555104/10    |             |   |   |   | SEAL, 'O' ring, inlet ...                                | 1       | MS.240      | C          | AA 5      |
|           | 201292/NA    |             |   |   |   | TORUS, complete ...                                      | 1       | —           |            | AA 5      |
| 28W/15318 | SP11/A       |             |   |   |   | Washer, inlet halves attachment ...                      | 4       | —           | C          |           |
| 27UA/1526 | 201273/NA    |             |   |   |   | WASHER, at attachment of inlet to plenum ...             | 1       | DTD.187     | C          | AA 4      |
| 27UA/1532 | AN.960/10L   |             |   |   |   | WASHER, pipe attachment at torus inlet ...               | 4       | —           | C          | AA 4      |

PLATE AA1



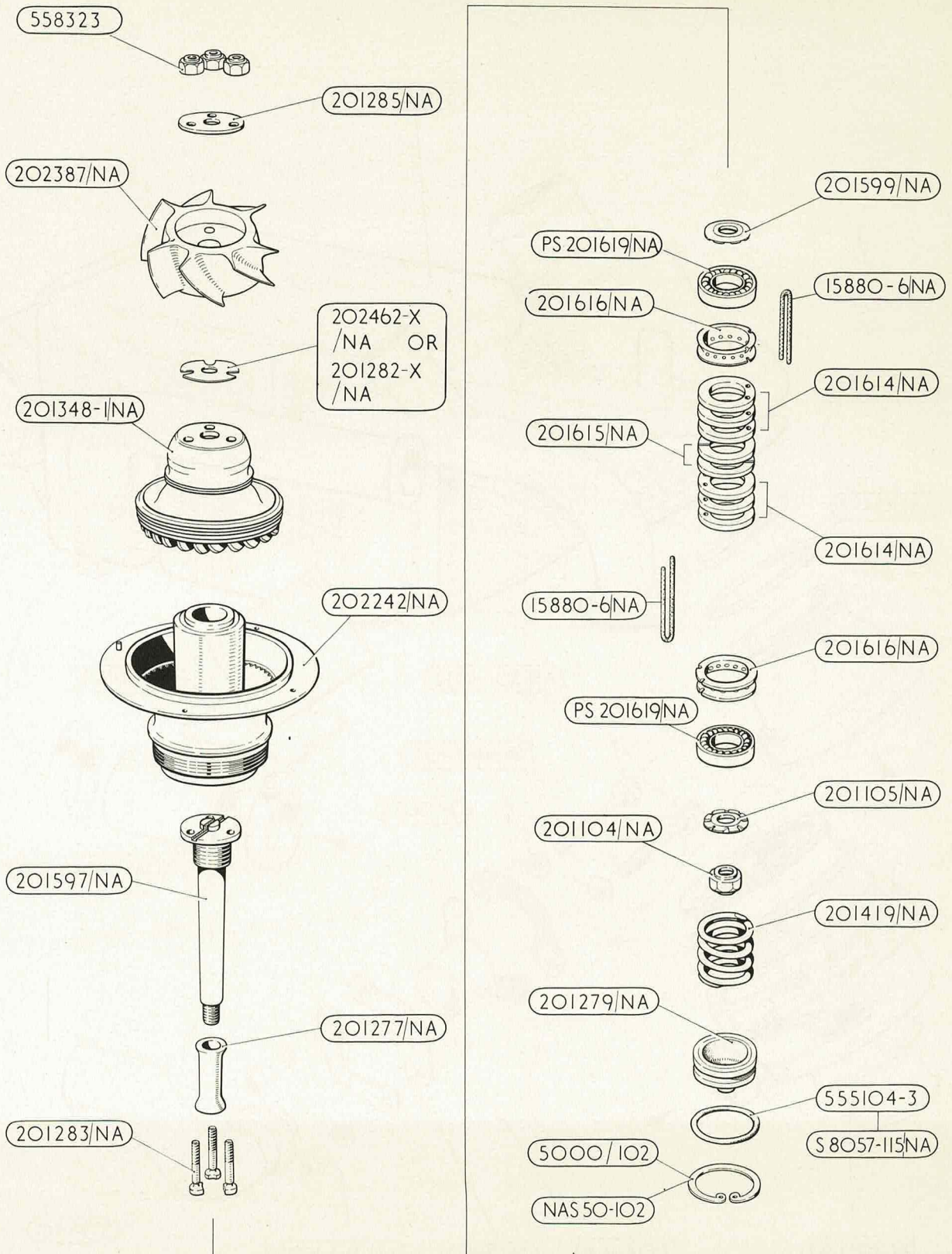
REFRIGERATION PACK

## PLATE AA2



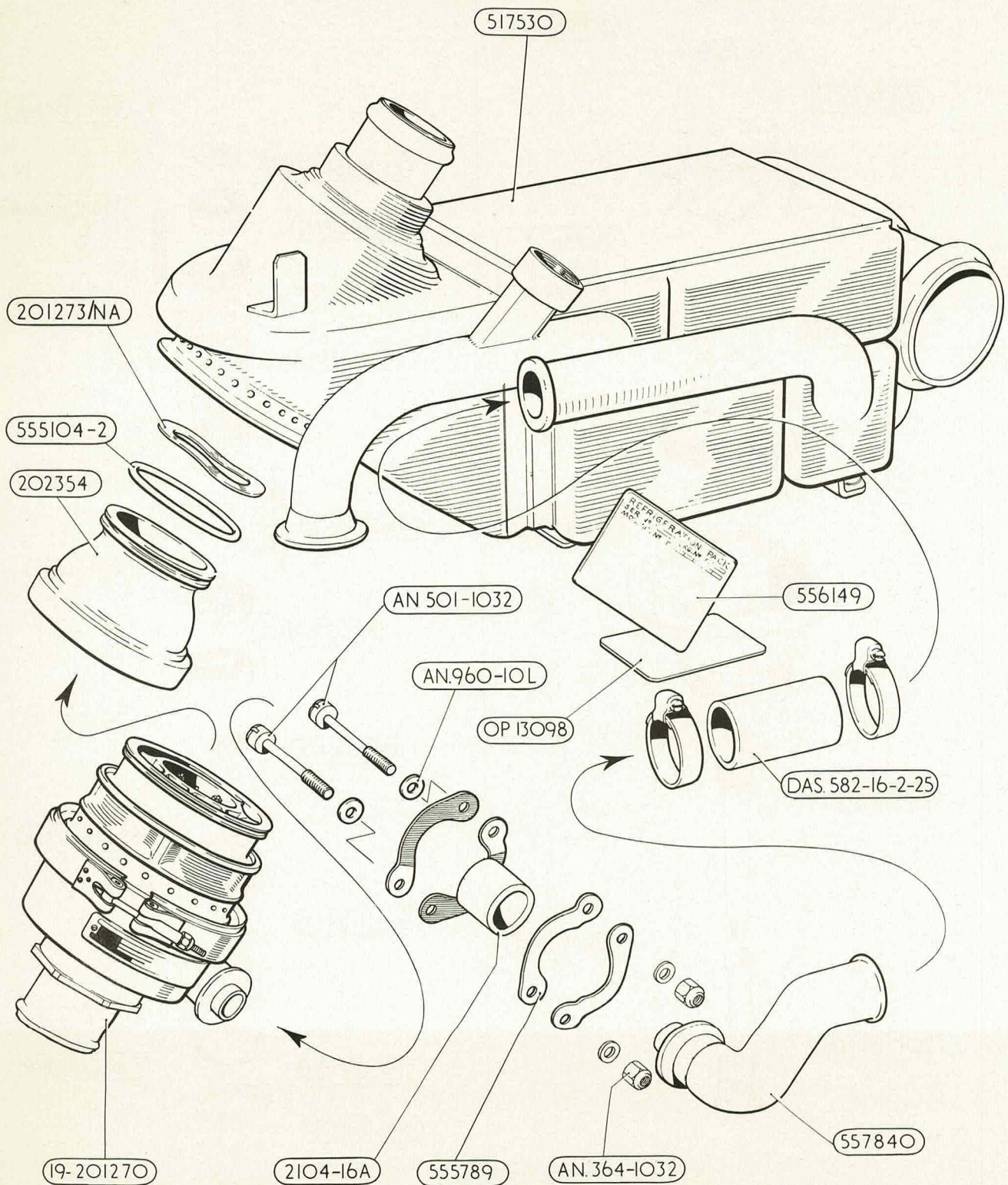
TURBINE ASSEMBLY

PLATE AA 3



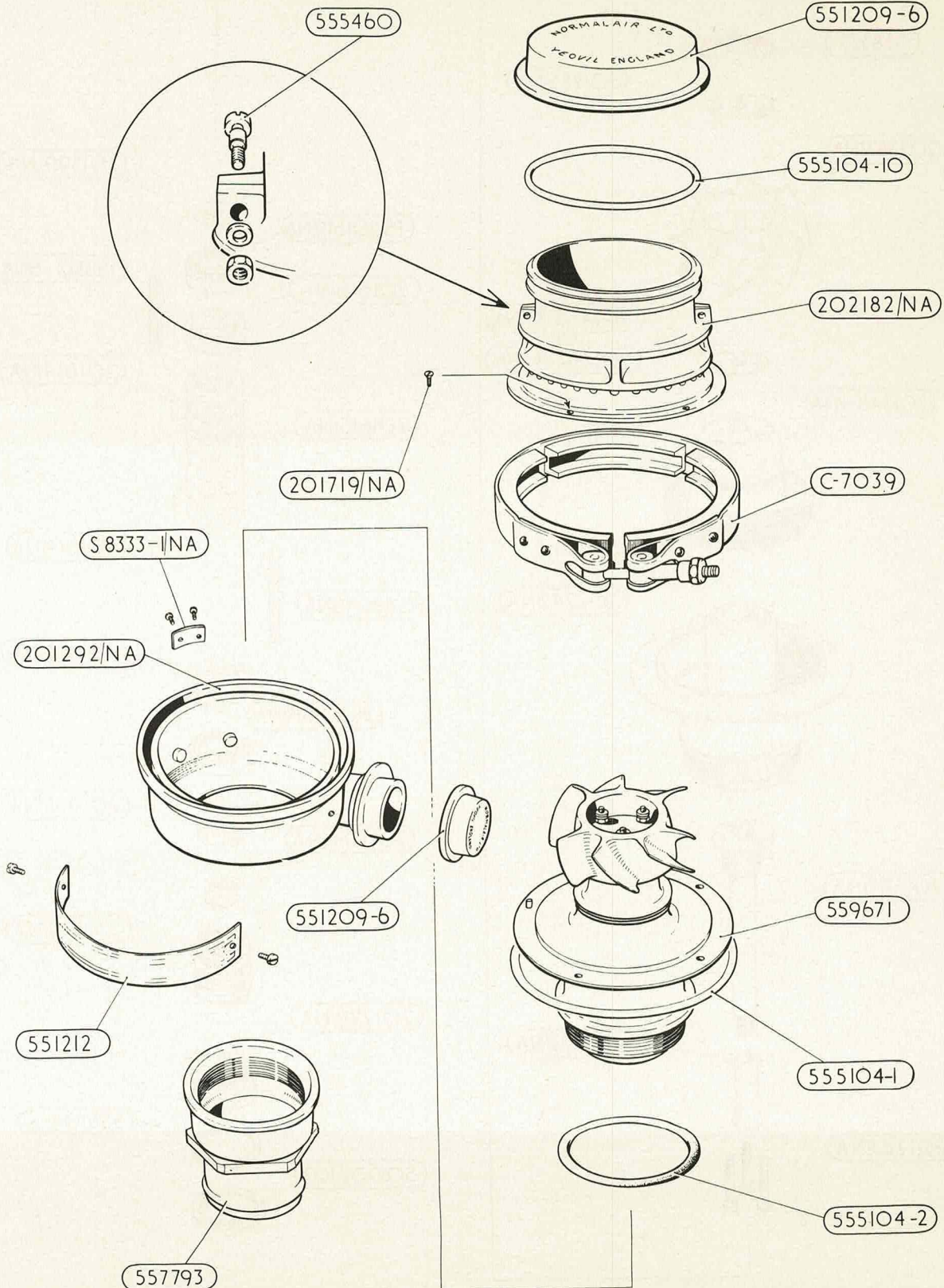
ROTATING ASSEMBLY.

## PLATE AA4



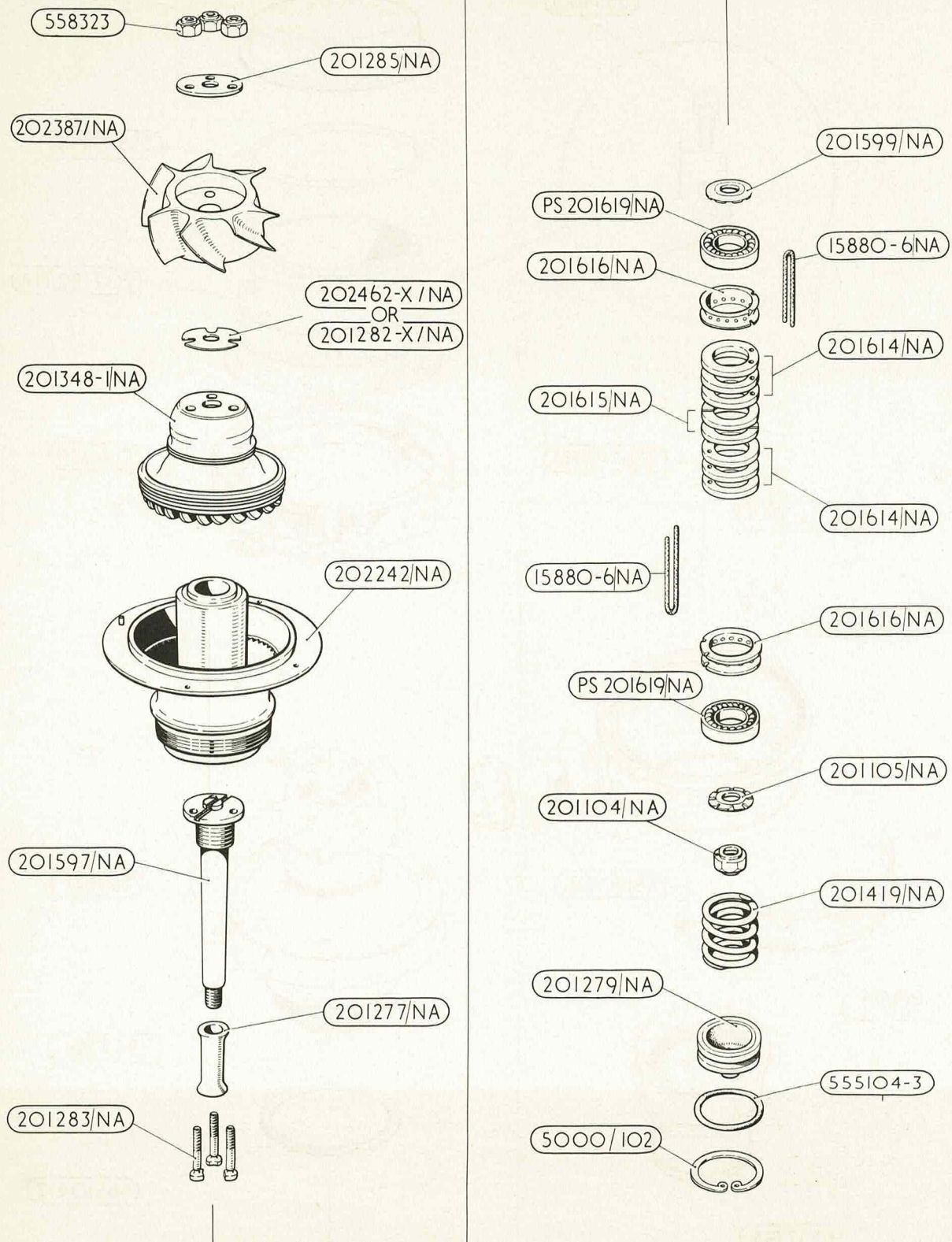
REFRIGERATION PACK

PLATE AA5



TURBINE ASSEMBLY

## PLATE AA6



ROTATING ASSEMBLY.

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