

# 1938 SETTINGS LIST (AMAL CARBURETTERS)

| FIRM AND MODELS                         | Carburettor Type | Inter-nal Bore    |     |        | N'dle Position | Float Chamber Type    | Special Details                         |
|---|------------------|-------------------|-----|--------|----------------|-----------------------|---|
| <b>AERO ENGINES.</b>                    |                  |                   |     |        |                |                       |   |
| 150cc., CA.18878 .. .. .                | 53/021A          | $\frac{31}{32}$ " | 50  | 3 Std. | P15            | Included              |   |
| 350cc., Twin, CA6400 .. .. .            | 74/007           | $\frac{31}{32}$ " | 60  | 4/4    | 3              | 62/079                |   |
| 350cc., S.V., CA11385 .. .. .           | 74/007           | $\frac{31}{32}$ " | 60  | 4/4    | 3              | 62/079                |   |
| 350cc., O.H.V., CA13678 .. .. .         | 4/017            | $\frac{33}{32}$ " | 75  | 4/3    | 2              | 62/099                |   |
| 500cc., O.H.V., CA13679 .. .. .         | 74/027           | $\frac{33}{32}$ " | 80  | 4/3    | 2              | 14/099                |   |
| 500cc. and 600cc., S.V., C11379 .. .. . | 74/027           | $\frac{33}{32}$ " | 80  | 4/4    | 2              | 64/099                | -025 Pilot Outlet                       |
| 500cc. and 600cc., C18544 .. .. .       | 74/027           | $\frac{33}{32}$ " | 80  | 4/4    | 3              | 64/099                | -025 Pilot Outlet                       |
| <b>A.J.S.</b>                           |                  |                   |     |        |                |                       |   |
| 250cc., O.H.V., 38/12, 22 and 22T       | 75/014           | $\frac{7}{8}$ "   | 120 | 5/3    | 2              | 62/079                | Fl./Ch. at 15°                          |
| 350cc., 38/16, 26 and 26T .. .. .       | 76/014           | 1"                | 150 | 6/4    | 3              | 62/079                | Fl./Ch. at 15°                          |
| 500cc., O.H.V., 38/8, 18, 18T .. .. .   | 89/004           | $1\frac{3}{8}$ "  | 180 | 29/4   | 3              | 14/079                | Fl./Ch. at 3°                           |
| 500cc., 38/9 .. .. .                    | 76/001           | $\frac{15}{16}$ " | 150 | 6/4    | 3              | 64/078                | -040 Pilot Outlet                       |
| 1000cc., S.V., 38/2 and 38/2A Home      | 76/012           | 1"                | 130 | 6/4    | 2              | 64/078                |   |
| 1000cc., S.V., 38/2A Export .. .. .     | 6/168            | 1"                | 140 | 6/3    | 2              | 64/078                |   |
| <b>ARIEL.</b>                           |                  |                   |     |        |                |                       |   |
| 250cc., L.G. and L.F. .. .. .           | 75/014           | $\frac{7}{8}$ "   | 110 | 5/3    | 3              | 64/089                | Needle Jet ·107<br>Fl./Ch. at 14°       |
| 250cc., L.H., Red Hunter .. .. .        | 75/014           | $\frac{7}{8}$ "   | 110 | 5/3    | 3              | 64/089                | Needle Jet ·107<br>Fl./Ch. at 14°       |
| 350cc., O.H.V., N.G. .. .. .            | 75/014           | $\frac{7}{8}$ "   | 110 | 5/4    | 3              | 64/089                | Fl./Ch. at 14°                          |
| 350cc., O.H.V., N.H. .. .. .            | 76/014           | 1"                | 150 | 6/4    | 3              | 64/089                | Fl./Ch. at 14°                          |
| 500cc., O.H.V., V.G. .. .. .            | 76/024           | $1\frac{1}{8}$ "  | 170 | 6/4    | 3              | 64/089                | Fl./Ch. at 14°                          |
| 500cc., D.P., V.H., Red Hunter          | 89/014           | $1\frac{1}{8}$ "  | 200 | 29/3   | 3              | 64/089                | Fl./Ch. at 14°                          |
| 500cc., S.P. .. .. .                    | 89/014           | $1\frac{1}{8}$ "  | 200 | 29/3   | 3              | 64/089                | Fl./Ch. at 14°                          |
| 500cc., O.H.V., Red Hunter .. .. .      | 10TT36           | $1\frac{1}{8}$ "  | 280 | 4      | 4              | 14/064                | Fl./Ch. at 14°                          |
| 600cc., S.V., V.B. .. .. .              | 76/112           | 1"                | 160 | 6/4    | 3              | 14/088                | Needle Jet ·107<br>Fl./Ch. at 14°       |
| 600cc., S.V., Truck .. .. .             | 75/145/LS        | $\frac{7}{8}$ "   | 110 | 5/4    | 3              | 14/069                |   |
| <b>BROUGH SUPERIOR.</b>                 |                  |                   |     |        |                |                       |   |
| 996cc., Twin, S.S.80 .. .. .            | 6/145            | 1"                | 150 | 6/3    | 3              | 64/078                | Needle Jet ·105<br>Fl./Ch. on R.H. side |
| 1100cc., S.V., 11/50 .. .. .            | 6/200            | $1\frac{1}{16}$ " | 160 | 6/5    | 4              | Bottom Feed<br>14/531 |   |
| 1100cc., Twin, 11/50 .. .. .            | 89/011           | $1\frac{1}{8}$ "  | 160 | 29/4   | 3              | 64/078                |   |
| <b>B.S.A.</b>                           |                  |                   |     |        |                |                       |   |
| 250cc., S.V., C.10 .. .. .              | 74/024/S         | $\frac{35}{32}$ " | 80  | 4/5    | 3              | 62/079                |   |
| 250cc., S.V., B.20 .. .. .              | 74/165/S         | $\frac{35}{32}$ " | 80  | 4/5    | 3              | 62/079                |   |
| 250cc., S.V., G.P.O. .. .. .            | 74/165           | $\frac{35}{32}$ " | 30  | 4/4    | 1              | 62/079                |   |
| 250cc., O.H.V., B.21 .. .. .            | 74/165           | $\frac{35}{32}$ " | 80  | 4/4    | 2              | 64/079                | Fl./Ch. at 7°                           |
| 250cc., O.H.V., B.22 .. .. .            | 75/145           | $\frac{7}{8}$ "   | 120 | 5/4    | 3              | 64/079                | Fl./Ch. at 7°                           |
| 350cc., S.V., B.23 .. .. .              | 75/145           | $\frac{7}{8}$ "   | 110 | 5/4    | 3              | 62/079                |   |
| 350cc., O.H.V., M.19 .. .. .            | 76/014           | 1"                | 150 | 6/4    | 2              | 64/078                |   |
| 350cc., O.H.V., B.24 .. .. .            | 76/187           | 1"                | 160 | 6/4    | 3              | 64/077H               | 6/210 Union Nut                         |
| 348cc., O.H.V., B.25 .. .. .            | 76/187           | 1"                | 160 | 6/4    | 3              | 64/077H               | 6/210 Union Nut                         |
| 348cc., O.H.V., B.26 .. .. .            | 76/187           | 1"                | 160 | 6/4    | 3              | 64/077H               | 6/210 Union Nut                         |
| 496cc., O.H.V., M.22 .. .. .            | 76/024           | $1\frac{1}{16}$ " | 150 | 6/4    | 3              | 64/078                | -025 Pilot Outlet                       |
| 496cc., O.H.V. .. .. .                  | 89/014           | $1\frac{1}{8}$ "  | 200 | 29/4   | 3              | 64/078                | -025 Pilot Outlet                       |
| 500cc., S.V., M.20 .. .. .              | 76/014           | 1"                | 170 | 6/4    | 3              | 64/078                |   |
| 500cc., M.24 .. .. .                    | 10TT36           | $1\frac{5}{16}$ " | 350 | 6      | 4              | 14/064                | Fl./Ch. at 7°                           |
| 596cc., S.V., M.21 .. .. .              | 76/024           | $1\frac{1}{16}$ " | 160 | 6/4    | 2              | 64/078                |   |
| 748cc., O.H.V., Twin, Y.13 .. .. .      | 76/001           | $1\frac{1}{16}$ " | 140 | 6/3    | 3              | 64/078                |   |
| 986cc., S.V., Twin, G.14 .. .. .        | 76/001           | $1\frac{1}{16}$ " | 160 | 6/3    | 1              | 64/078                |   |
| <b>CALTHORPE.</b>                       |                  |                   |     |        |                |                       |   |
| 250cc., O.H.V. .. .. .                  | 75/176           | $\frac{7}{8}$ "   |     | 5/3    | 3              | 64/077H               |   |
| 350cc., O.H.V. .. .. .                  | 6/178            | $\frac{15}{16}$ " |     | 6/3    | 3              | 64/077H               |   |
| 500cc., O.H.V. .. .. .                  | 6/197            | $\frac{15}{16}$ " |     | 6/4    | 2              | 64/077H               |   |
| <b>COTTON.</b>                          |                  |                   |     |        |                |                       |   |
| 250cc., O.H.V., JAP .. .. .             | 74/022           | $\frac{25}{32}$ " | 90  | 4/4    | 3              | 64/079                |   |
| 350cc., O.H.V., Blackburne .. .. .      | 75/012           | $\frac{7}{8}$ "   | 110 | 5/4    | 3              | 64/079                |   |
| 350cc., O.H.V., JAP .. .. .             | 75/011           | $\frac{7}{8}$ "   | 110 | 5/4    | 3              | 64/079                |   |
| 500cc., O.H.V., Blackburne .. .. .      | 76/022           | $1\frac{1}{16}$ " | 180 | 6/4    | 3              | 64/079                |   |
| 500cc., O.H.V., Blackburne .. .. .      | 76/024           | $1\frac{1}{16}$ " | 160 | 6/4    | 3              | 64/079                |   |
| 500cc., O.H.V., JAP .. .. .             | 76/011           | 1"                | 150 | 6/4    | 3              | 64/079                |   |
| 600cc., O.H.V., JAP .. .. .             | 76/011           | 1"                | 150 | 6/4    | 3              | 64/079                |   |