

Paris-London Prize, 258.
 Paris Municipal Council prizes, 694, 751, 782, 974.
 1059.
 Paris Show, 10, 860, 880, 901.
 Parisot, 718, 755.
 Parkes monoplane, 218, 339.
 Parseval aeroplane, 113, 315, 871.
 " airship, 65, 166, 215, 295, 417, 452, 584, 627, 697, 712, 893, 914, 916, 956.
 Pasqua, Lieut., death of, 696.
 Passat ornithopter, 937.
 Paste, 537.
 Patents, 329.
 " value of, 511.
 Paterson, C. C., 395, 407, 414, 433, 649, 755, 995.
 Paul, E., 395.
 Paulhan, 44, 51, 54, 79, 95, 96, 113, 128, 220, 303, 321, 336, 376, 386, 436, 625, 718, 783. *See also* London to Manchester.
 " biplane, 858, 891, 914, 932, 995, 998.
 Pavillet and Dawson monoplane, 469.
 Peggy the Aeronaut, 871.
 Pelterie. *See* R.E.P.
 Pendulum stability, 961, 1000.
 Pentado, 11.
 Petre monoplane, 209, 288.
 Pfizner monoplane, 142, 584.
 " described, 182.
 Photographs, faked, 1, 171.
 Piffard biplane, 414, 733.
 Piggott biplane, 383.
 Pilcher glider, 20, 151.
 Pilot aviators' banquet, 1056.
 Pilot certificates, British, 24, 57, 274, 291, 310, 328, 431, 490, 600, 736, 778, 841, 905, 929, 952, 971, 992, 1009.
 " rules for, 952.
 " " French, 37, 72, 112, 166, 219, 242, 294, 336, 377, 404, 408, 465, 471, 585, 601, 689, 734, 1036.
 " rules for, 738, 913.
 " " German, 44.
 " " Italian, 584, 604.
 " " Belgian, 1082.
 Pischoff monoplane, 552, 948.
 " propeller, 52.
 Pitman, Ernest, 449.
 Planes, cambered, 281, 338, 894.
 " experiments with, 1035.
 " self-cambering, 720.
 " surfaces, 473, 493, 511.
 " trailing edge, 894.
 " Ltd., biplane, 1000, 1012.
 Plochmann, death of, 828.
 Poetry, 580, 666, 771, 826, 838, 972.
 Poillot, E., 695, 807.
 Pollock, C. F., 781.
 Polytechnic School, 373.
 Popoff, 452.
 Porcupine quills, 525.
 Pordenone School, 649, 673.
 Portraits—
 Roger W. Wallace, K.C., 5
 Mortimer Singer, 34.
 L. Paulhan, 51, 321.
 A. V. Roe, 71.
 Henry Farman, 103.
 Sir Hiram Maxim, 173.
 C. Grahame-White, 321.
 Cecil Grace 515.
 Capt. Dickson, 541.
 Hon. Alan Boyle, 566.
 J. A. Drexel, 591.
 L. D. Gibbs, 635.
 J. Radley, 659.
 J. B. Moisant, 683.
 J. W. Dunne, 705.
 Alec Ogilvie, 725.
 R. Lorraine, 747.
 G. A. Barnes, 767.
 E. Ladougue, 835.
 E. Clement, 857.
 D. Graham-Gilmour, 879.
 W. E. McArdle, 965.
 T. Sopwith, 985.
 G. C. Colmore, 1005.
 Portway monoplane, 556.
 Power required for monoplane, 494.
 Pressure, centre of, 367, 608, 809, 936, 1039.
 Press and aviation, 566, 599, 812.
 Prier, M. P., 931.
 Pritchard, J. L., on aeroplane v. dirigible, 134.
 Prizes, American, 166, 279, 452, 469, 560, 807, 854, 959.
 " Austrian, 156.
 " Belgian, 113, 996.
 " British, 529.
 " French, 42, 106, 219, 258, 373, 377, 396, 782, 806, 846, 913.
 " German, 648, 758, 783, 892, 958, 975, 1016.
 " Italian, 44, 250, 560, 975.
 " suggestions for, 422, 812, 1024, 1040.
 Progress, 18, 118.
 Provinces, duty of, 172.
 Propellers, elementary notes, 25, 36, 52, 98, 128.
 " aerial, by Naval Constructor, 91, 106, 123, 139.
 " as stabilisers, 791.

Propellers, correspondence, 30, 47, 65, 83, 97, 114, 197, 316, 398, 536, 676, 831, 851, 918.
 " model, 972.
 " speed, 281.
 " testing, 114, 363, 398, 455, 554, 679, 867.
 " thrust of, 652.
 " v. tractors, 607.
 " four-bladed, 626.
 Pyrenees, flying across, 737.
 QUIMPER meeting, 584.
 RADIATORS, 429, 557, 1037.
 Radley, J., 294, 314, 346, 355, 376, 433, 448, 539, 569, 623, 659, 713, 870.
 Rawlinson, Capt., 218, 240, 257, 274, 279, 300.
 R.E. biplane, 562.
 Records, 41, 94, 295, 356, 472, 489, 626, 673, 758, 854, 867, 974, 975, 1013, 1018, 1039, 1071, 1081.
 " British, 928, 993, 1079, 1184.
 " passenger, 41, 94, 188, 356, 472, 625, 673, 718, 719, 958, 975, 1036, 1038, 1071, 1081.
 " height, 41, 560, 694, 716, 746, 818, 1038, 1082.
 " proposed new height and speed, 870.
 " distance, 41, 912, 974, 1059, 1071.
 " speed, 41, 996, 1081.
 R.E.P. monoplanes, 328, 560, 583, 862, 1008.
 " propeller, 54.
 " motor, 902.
 " République " subscriptions, 142.
 Retrospect, 2.
 Reviews, 59, 156.
 Rheims meeting, 521, 548.
 Rhomboidal biplane, 88.
 Richards, G. Tilghman, on model construction, 423.
 Richardson, Percy, 258, 272.
 Roan School Aero Club, 992.
 Roberts biplane, 87.
 Robillard, Count, 696.
 Robl, J., 69, 489.
 Rocket engine, 280.
 Roe, A. V., 39, 71, 257, 449, 528, 559, 602, 623, 644, 672, 694.
 " and Co., 13, 559.
 " triplane, 4, 11, 114, 145, 198, 202, 218, 289.
 Rolls, Hon. C. S., 13, 26, 42, 62, 94, 128, 165, 195, 257, 279, 348, 485, 501, 700.
 " Cross-Channel flight, 404, 434, 442.
 " death of, 540, 582.
 " memorial, 710, 956.
 Rome, from an airship, 128.
 Roosevelt, T., 854, 894.
 Rossel-Peugeot motor, 884.
 Rotary engine effects, 494, 942.
 " 721, 741, 742, 762.
 Rowell, H. S., on cooling, 303.
 Royal Aero Club of U.K., 34, 118.
 " and King Edward, 374.
 " aeronautical clubs, 1029.
 " associated clubs, 581.
 " Bournemouth Meeting, 141, 446.
 " club house, 9, 24.
 " Daily Mail cross-country prize, 431, 905.
 " de Forest Prize, 216, 328, 690, 841, 929, 1054.
 " Doncaster, 162.
 " Drexel's height record, 716.
 " Dunville Challenge Cup, 24.
 " Federation A.L., 40, 431, 905.
 " General Committee, 820.
 " general meeting, 216.
 " Gordon-Bennett Aviation Cup, 9, 291, 676, 1029.
 " Gordon-Bennett Balloon Cup, 9.
 " Grahame-White testimonial, 354.
 " London and Manchester prize, 329.
 " Michelin Cup, 274.
 " Mortimer Singer Cup, 553.
 " M.Y.C. challenge, 291, 447, 465.
 " notes, 9, 24, 40, 57, 77, 93, 110, 125, 141, 162, 185, 216, 255, 274, 291, 310, 328, 354, 374, 393, 410, 431, 447, 465, 490, 505, 526, 553, 581, 600, 622, 676, 690, 716, 736, 756, 778, 800, 820, 841, 864, 887, 905, 929, 952, 971, 992, 1009, 1029, 1054.
 " pilot certificates, 24, 57, 274, 291, 328, 431, 447, 465, 490, 600, 736, 778, 841, 905, 929, 952, 971, 992, 1009.
 " rules, 141, 310, 778, 952.
 " prizes, 125, 274.
 " offer to Admiralty, 992, 1009.
 " Royal honour, 129.
 " salvage, 820, 841.

Royal Aero Club of U.K., towns, flying over, 800, 808.
 " " " " Wolverhampton meeting, 447.
 Rouen meeting, 486, 508.
 Rougier, 11, 43, 196, 220, 243, 315, 396, 875.
 " biplane, 871, 882.
 Rugby Engineering Society, 126.
 Ruinat prize, 373, 410.
 Rule of the air, 240.
 Rusyan biplane, 63.
 Russia, flying in, 604, 975, 1018.
 Russian military aeroplanes, 436, 806.
 " airships, 259, 279, 531, 892, 1039.
 " national prizes, 892.
 ST. PETERSBURG, flying at, 846, 892.
 " meeting, 371, 391.
 S.A.F.A. biplane, 753, 1038, 1073.
 Saglietti, Lieut., death of, 914.
 Sahara Desert, across the, 735.
 Salisbury Plain, doings, 908, 931, 970, 994.
 Sanders biplane, 128, 138, 169.
 " teaching apparatus, 1006.
 San Sebastian meeting, 830.
 Santos Dumont, 28, 315.
 " monoplane. *See* Clement-Bayard.
 " monument, 978.
 Savary biplane, 395, 551, 648, 846.
 Savoia, Lieut., 530, 783.
 Scholarships, 547, 623.
 School Aero Clubs, 1066.
 " Flight Magazine, 138.
 Schutte airship, 44, 166, 353.
 Scientific American trophy, 279.
 Scottish Aeronautical Society, 127, 137, 329, 1010, 1030, 1077.
 " " model section, 779, 801, 865.
 Seddon aeroplane, 733.
 Sellars, M. B., on centre of pressure, 367.
 Semmering, gliders at, 135.
 Sheds for airship. *See* Airship.
 Sheffield Aero Club, 57, 93, 137, 195, 217, 292, 375, 410, 412, 448, 491, 526, 582, 601, 690, 717, 779, 842, 992, 1055.
 Short biplane, 76, 425.
 " described, 211, 228, 253, 280.
 " propeller, 36.
 Siemens-Schukert airship, 295.
 " biplane, 220.
 Signs for aviators, 12, 414, 892, 1038, 1059, 1081, 1082.
 Simms, F. R., on flight in America, 464.
 Sims glider, 17, 31.
 Singer, Mortimer, 35, 93, 433.
 Sippe monoplane, 938.
 Sixplanes, 315.
 Skids for sand, 417.
 " v. wheels, 630.
 Slater monoplane, 433.
 Sloan aeroplane, 860, 881.
 Smith, G. P. B., model, 249.
 Smith-Dorey valve, 408.
 Snowden-Smith, Lieut., 995.
 Soaring birds, 870.
 " flight, 378.
 Sommer, Roger, 43, 62, 95, 112, 128, 144, 196, 220, 243, 278, 294, 314, 356, 396, 407, 435, 509, 530, 606, 827, 997, 1038, 1059, 1082.
 " biplane, 209, 309.
 " three passengers, 336, 356.
 " monoplane, 1051.
 Sopwith, T., 985, 993, 1057.
 Southend meeting, 355, 623.
 South Kensington Museum, 357, 890.
 Southport aerodrome, 486.
 Southsea Aero Club, 779.
 South-West Aero Society, 41, 57, 77, 93, 137, 164, 292, 375.
 Spain, flying in, 369, 1082.
 " King of, 829.
 Spars. *See* Timber.
 Speed, advantage of high, 856.
 " alarms, 700, 721, 938, 1001.
 " by Capt. Dickson, 658.
 " competition, 658, 688, 731, 761, 772, 785, 837, 966, 1033, 1049, 1072.
 " effect of wind on, 108.
 " future, by J. B. Moisant, 746.
 Spencer, Sidney, 559.
 " Miss Viola, 582.
 " Stirling monoplane, 207, 251.
 Spies, 294.
 Spies airship, 13.
 Spiral tube radiators, 1036.
 Stability of aeroplanes, 145, 223, 830, 834, 851, 852, 937.
 " *See also* Control.
 " devices, 429, 536, 587, 630, 655, 961, 1000.
 " stabilisers, propellers as, 791.
 Stanley Show, aeroplanes at, 951.
 Star monoplane, 120, 203, 308, 734.
 Starting apparatus, 244.
 Stations for aeroplanes, 890.
 Statoscopes, 347, 399.
 Steering by compass, 775.
 Stewart monoplane, 951.
 Steering control, 535, 631. *See also* Control.
 Stokes, C. J., on propeller thrust, 652.
 Stream lines, 146, 298, 437, 608.
 Stringfellow's model, 121.