- G-FAAA Short Bros Spherical Free Balloon Regd (CofR L/A2) .20 to CG Spencer & Sons Ltd, London N5; named 'Muriel'.

 Active 3.20. Regn cld 1.30
- G-FAAB Spencer Spherical Free Balloon Regd (CofR L/A3) .20 to CG Spencer & Sons Ltd, London N5; named 'Owl'. Active 2.20. Regn cld 1.30.
- G-FAAC Spencer Spherical Free Balloon Regd (CofR L/A4) .20 to CG Spencer & Sons Ltd, London N5; named 'City of Highbury'. Regn cld 1.30.
- G-FAAD Spencer Spherical Free Balloon [80,000 cu ft] Regd (CofR L/A5) .20 to CG Spencer & Sons Ltd, London N5; named 'Miramar'. Entered in Gordon Bennett Balloon Race, Brussels 7.6.25 (9th); also Antwerp 30.5.26. Regn cld
- G-FAAE Airships Spherical Free Balloon c/n SB.7 (blt by Airships Ltd; subsidiary of AirCo, at Merton) Regd (CofR L/A6) .20 to Reginald Foster Dagnall, London SW19 (General Mgr of Airships Ltd). Regn cld pre .22.
- G-FAAF Beardmore Rigid Airship R36 (blt at Inchinnan 1917/21) Regd (CofR L/A7) .20 to The Air Council. Ff 1.4.21. Damaged at mooring Pulham 17.6.21. Regn cld 12.22. Repaired .25 but not reflown. Remains scrapped Pulham mid.26.
- G-FAAG Armstrong Whitworth Rigid Airship R33 (blt at Selby, Yorks 1919; ff 6.3.19; op by Admiralty/RAF) Regd (CofR L/A8) 1.21 to The Air Council. Scrapped at Cardington .28. Regn cld 12.31.
- G-FAAH Short Bros Spherical Free Balloon [80,000 cu ft] Regd (CofR L/A9) 8.21 to Mrs V [John] Dunville, Holywood, Co Down; named 'Banshee III'. Entered in Gordon Bennett Balloon Race, Brussels 18.9.21; 10.23 (came 7th) & 15.6.24 (10th). Regn lapsed 9.24. Entered Gordon Bennett Balloon Race, Brussels 7.6.25 (8th) & Antwerp 30.5.26.
- G-FAAI Short Bros Spherical Free Balloon [80,000 cu ft] Regd (CofR L/A10) .21 to Ernest Allen (or CG Spencer & Sons Ltd); named 'Margaret'. Flown in Gordon Bennett Balloon Race, Brussels 18.9.21 (2nd); also 10.23 (when it fell into the sea); 15.6.24 (7th); also 7.6.25 (reportedly renamed 'Elsie' came 14th). Regn cld 1.27.
- G-FAAJ Short Bros Spherical Free Balloon [80,000 cu ft] Regd (CofR L/A11) .22 to Griffith Brewer, London WC2; named 'Bee'. Flown in 1922 Gordon Bennett Balloon Race. Regn lapsed 7.23. Donated by Griffith Brewer .26 & regd (CofR L/A19) 5.26 to Airship Clubs Ltd, London W1. Flown in Gordon Bennett Balloon Race, Antwerp 30.5.26; and in Detroit 10.9.27. Regn cld 1.33.
- G-FAAK Spencer Kite [Captive] Balloon [60,000 cu ft] Regd (CofR L/A12) 8.24 to CG Spencer & Sons Ltd, London N5; named 'The Empire'. Regn cld 4.25.
- G-FAAL Goodyear Type R Kite [Captive] Balloon [35,000 cu ft] Regd (CofR L/A13) 2.25 to CG Spencer & Sons Ltd, London N5. Regn cld 1.26.
- G-FAAM Spencer Spherical Free Balloon [80,000 cu ft] ex US Navy. Regd (CofR L/A14) 5.25 to CG Spencer & Sons Ltd, London N5; named 'Miramar 1st'. Regn cld 1.27.
- G-FAAN Short Bros Spherical Free Balloon [80,000 cu ft] Regd (CofR L/A15) 7.25 to CG Spencer & Sons Ltd, London N5; named The Wanderer'. Flown in Gordon Bennett Balloon Race, Antwerp 5.26. Regn cld 1.30.
- G-FAAO Spencer Spherical Free Balloon [80,000 cu ft] Regd (CofR L/A16) 7.25 to Henry Spencer, London N16; named 'Fredena'. Regd (CofR probably L/A26) 3.30 to Oxford University Balloon Union; named 'Florence'; inaugural ascent 16.3.30.
- G-FAAP Short Bros (?) B40 Spherical Free Balloon Regd (CofR L/A17) 11.25 to The Director of Airship Development, Cardinaton.
- G-FAAQ NBRC Spherical Free Balloon Regd (CofR L/A18) 4.26 to CG Spencer & Sons Ltd, London N5; named 'Duchess of York'. Regn cld 1.30.
- G-FAAR NBRC Spherical Free Balloon Regd (CofR L/A20) .26 to CG Spencer & Sons Ltd, London N5. Regd (CofR L/A26) 2/29 to unknown. Regn cld 1.33.
- G-FAAS Spencer Spherical Free Balloon Regd (CofR L/A21) 6.26 to Henry Spencer, London N16.
- G-FAAT Commercial Airships KSR.1 Semi-rigid Airship [223,000 cu ft] Regd (CofR L/A22) 9.26 to MA Klanck/Commercial Airships Ltd, London NW3. Construction abandoned.
- G-FAAU Spencer Parachute Balloon Regd (CofR L/A23) 3.27 to Henry Spencer, London N16.
- G-FAAV Airship Guarantee Co Rigid Airship R100 Regd (CofR L/A24) .29 to The Air Council, Cardington. Ff 16.12.29 at Howden, Yorks. Wfu Howden after final flight 16.8.30. Sold 10.30 to Elton Levy & Co as scrap and finally run over by steam-roller 12.31. Regn cld 11.31.
- G-FAAW Royal Airship Works Rigid Airship R101. Regd (CofR L/A25) .29 to The Air Council, Cardington. Ff 14.10.29. CofA issued 4.10.30. Crashed nr Beauvais 5.10.30. Regn cld 23.8.32.
- G-FAAX Airship Development AD.1 Non-rigid Airship [60,000 cu ft/75hp ABC Hornet] Regd (CofR L/A27) .29 to The Airship Development Co Ltd, Cramlington (also based Satmar Airship Station, nr Folkestone). Ff 13.9.29. Reportedly CofA issued 6.11.29. Wrecked Ichteghen, Belgium 7.10.30. Regn cld 12.31. Remains sold at auction at Cardington 18.6.31 (the envelope was sold for dustsheets for a furniture repository; the RR Hawk engine to be fitted to a power boat).