

FROG

MODEL AIRCRAFT

BRADFORD AERO MODEL Co. Ltd.
69a GODWIN STREET
BRADFORD, Yorks. Tel BRADFORD 20400

- Flying Models
- Construction Kits
- Engines



TRADE MARK

FROG SENIOR MODEL FLYING KITS

An attractive range of models which are easy to build and fascinating to fly. Kits comprise ready-cut balsa parts, plastic airscrew, wheels, rubber motor, tissue covering and fully detailed instructions. First-class flying performance. Approximate span 18".



626FK "Raven" 4/6d.



627FK "Linnet" 4/6d.



628FK "Redwing" 4/6d.



629FK "Heron" 4/6d.



630FK "Tom-Tit" 4/6d.



631FK "Widgeon" 4/6d.

FROG JUNIOR SCALE SERIES FLYING MODEL KITS

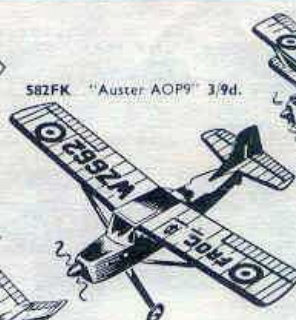
A range of popular light aircraft in the Junior Series style, printed balsa parts, ready cut, plastic airscrew, and wheels, drawing and instructions. Approximate span 12".



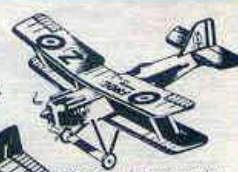
580FK "Cessna" 170 3/9d.



581FK "Fairley Junior" 3/9d.



582FK "Auster AOP9" 3/9d.



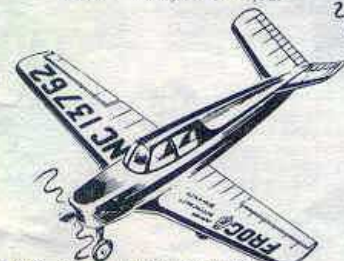
583FK "S.E.5A" 3/9d.



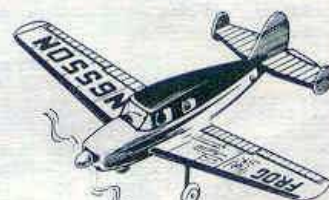
584FK "Navion" 3/9d.



585FK "Hawk" Trainer 3/9d.



586FK "Beechcraft Bonanza" 3/9d.



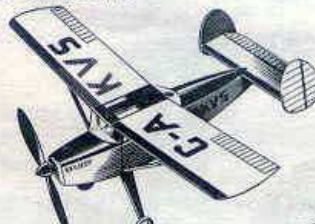
587FK "Bellanca Cruise-master" 3/9d.



588FK "B.A. Swallow" 3/9d.



589FK "Piper Pacer" 3/9d.



590FK "Chrislea Skyjeep" 3/9d.

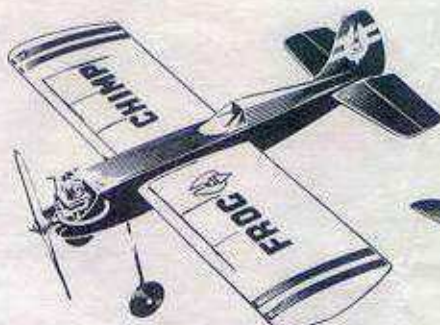
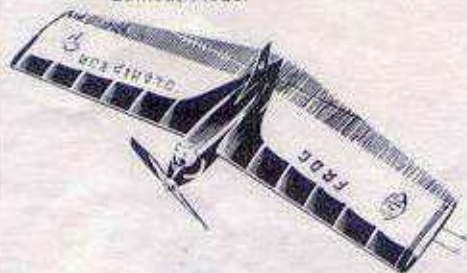


591FK "Dart Kitten II" 3/9d.

FROG POWER CONTROL-LINE MODEL KITS

The Frog range of control-line Kits are the best in design, quality and completeness, incorporating the most up-to-date features. They are specially designed for the range of Frog engines and are prefabricated to a high standard. A full-size drawing and detailed instructions are included with every kit.

693KP "Gladiator" (36" span) 27/6d.
Combat Model



694KP "Chimp" (22" span) 14/6d.
Stunt Model



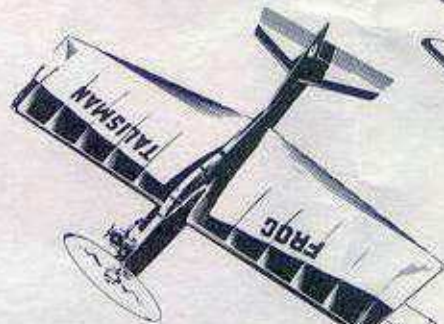
692KP "Hornet" (21" span) 24/6d.
Team Racer



695KP "Tempest" (26" span) 48/2d.
Super Scale Model



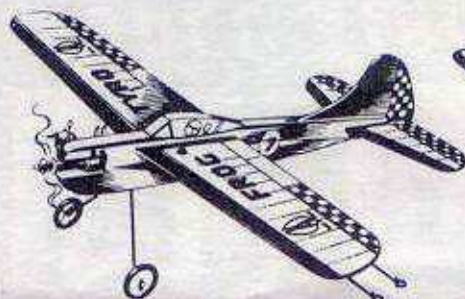
696KP "S.E. 5A" (22" span) 32/6d.
Super Scale Model



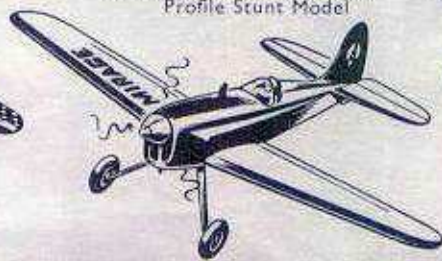
697KP "Talisman" (28" span) 17/6d.
Profile Stunt Model



659KP "Vandiver" Mk. II (27" span) 15/0d.
Stunt Model



681KP "Tyro" (17" span) 6/7d.
Sport Model



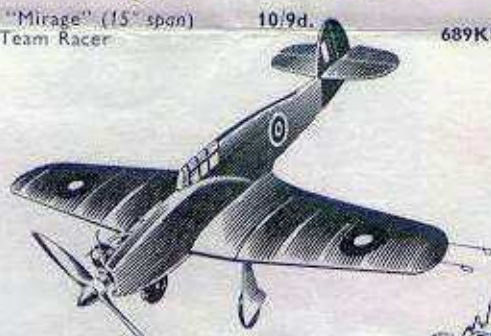
687KP "Mirage" (15" span) 10/9d.
Team Racer



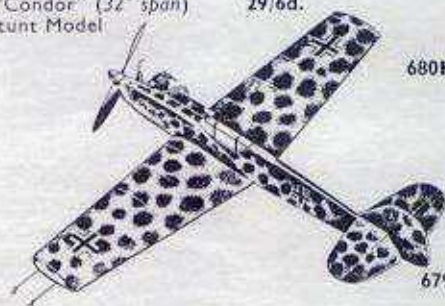
689KP "Aerobat" (38" span) 29/6d.
Stunt Model



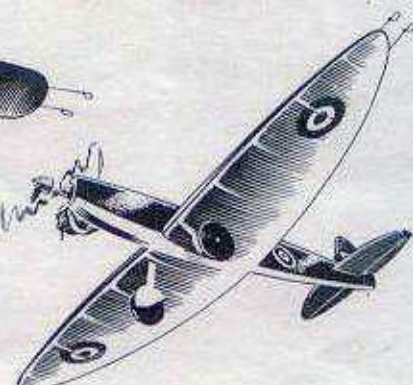
691KP "Condor" (32" span) 29/6d.
Stunt Model



680KP "Hurricane" (24" span) 18/9d.
Profile Scale Model



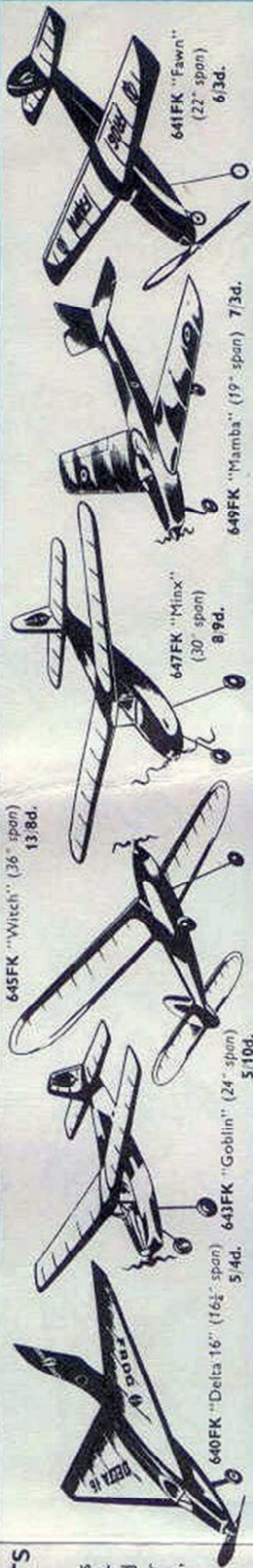
679KP "M.E. 109" (24" span) 18/9d.
Profile Scale Model



678KP "Spitfire" (24" span) 18/9d.
Profile Scale Model

FROG FLYING MODEL KITS RUBBER POWERED

Good looks, excellent flying qualities and simple to build. Balsa parts precision cut and numbered, moulded balsa or plastic aircrews, and all other parts supplied. Absolutely complete, except for cement.



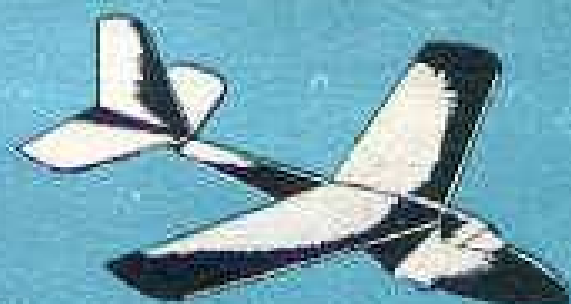
FROG JUNIOR "FIGHTER" SERIES FLYING MODEL KITS

Specially designed for the beginner, exceptionally easy to build, parts ready cut to shape and printed in colour. Approximate span 12".

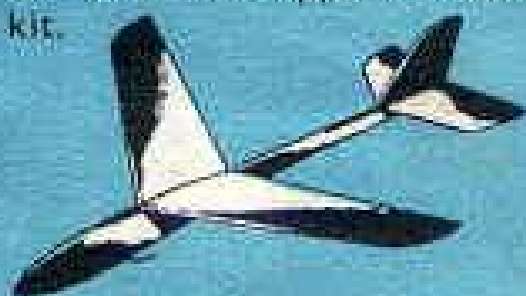


FROG SAILPLANE KITS

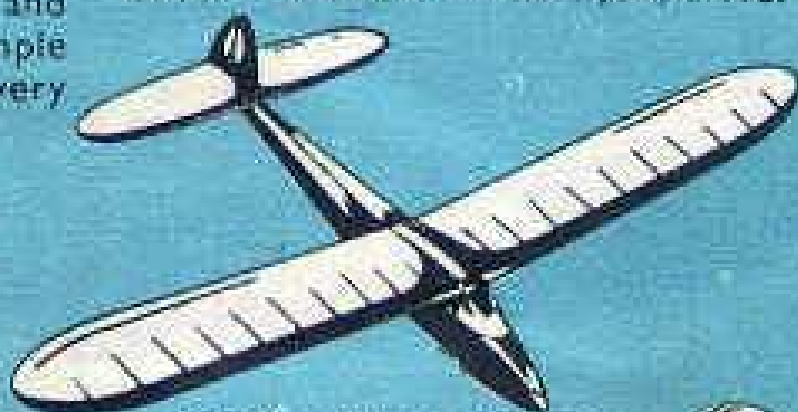
Frog gliders and sailplanes form an excellent start to aeromodelling, and these kits contain everything necessary to build these fine models (except cement). As with other Frog kits, all balsa parts are precision cut and numbered, and a full-size drawing and ample materials are supplied with every kit.



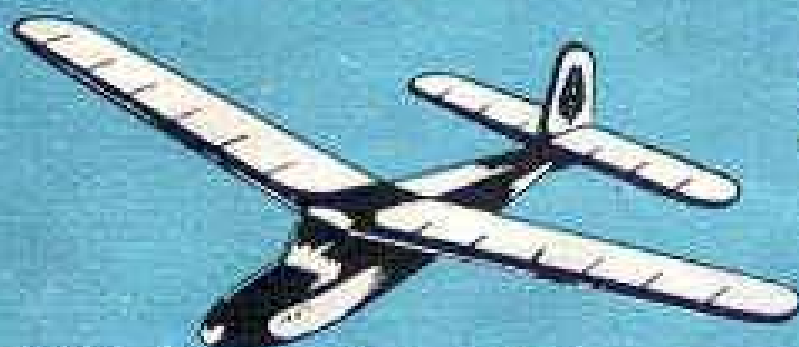
701GK "Dart Mk-2" (15" span) 2/11d.



717GK "Wasp" (12" span) 1/11d.



715GK "Diana" (36" span) 9/3d.



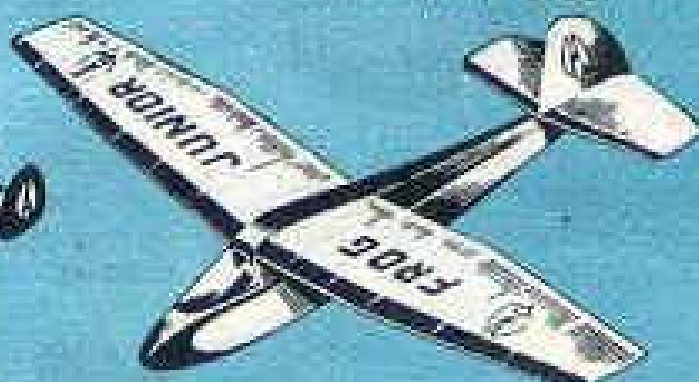
719GK "Vespa" (30" span) 6/9d.



727GK "Slingsby Skylark" (27" span) 3/8d.



725GK "Viren" (25" span) 4/4d.



720GK "Junior Sailplane" (70" span) 2/11d.



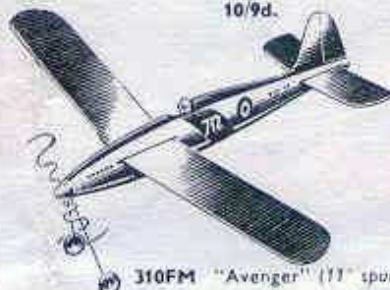
INTERNATIONAL MODEL AIR

FROG READY TO FLY MODELS

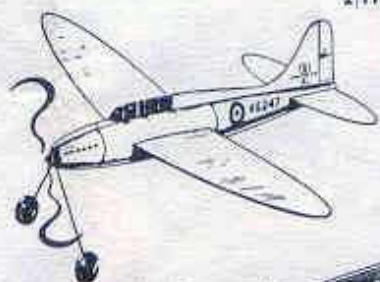
These models are designed to combine the best performance in the hands of a novice, with realistic appearance and durability. Hours of enjoyment can be had from these gliders and rubber-driven models. Packed in colourful cartons.



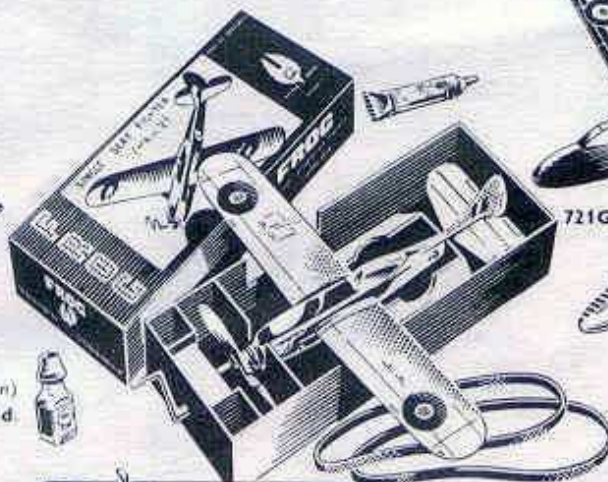
309FM "Spitfire" (17" span)
10/9d.



310FM "Avenger" (11" span)
2/11d.



312FM "Raider" (12" span) 3/6d.



304FM Frog Mk. V Fighter (12" span)
15/0d.



316FM "Fury" (9½" span) 2/0d.



723GK "Sabre" (6½" span)
1/3d.



721GK "Flash" (12½" span)
7d.



707GK "Aero Scout" (9½" span)
7d.



705GK "Comet" (12" span) 1/3d.

FROG POWER FLYING MODEL KITS FREE FLIGHT

These Frog Power Models are designed for maximum performance for sport flying in the hands of a novice or expert, with accent on stability and robust construction, which will ensure a long life for the model. The Kits are exceptionally complete and contain everything required to build them (except cement).



651KP Frog 45 Mk. II (45" span) 29/3d.
High Wing Semi-scale Model



676KP "Tutor" (39" span)
23/11d.
Cabin Sport Model



677KP "Nimrod" (30" span)
17/6d.
Cabin Sport Model

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FROG JUNIOR FLYING MODEL KITS

A variety of designs of light racing planes ideal for beginners: simple to build and excellent flyers. Approx. span 12".

611FK

"Minnow"
3/4d.



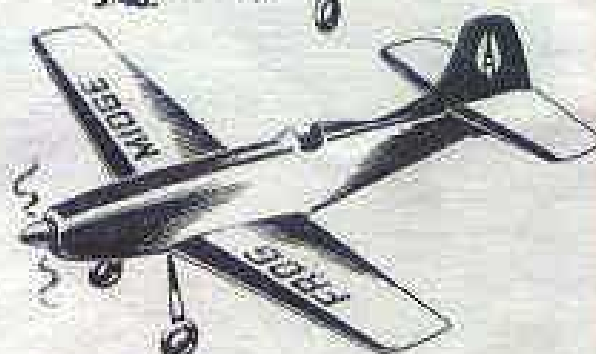
612FK

"Scamp"
3/4d.



613FK

"Midge"
3/4d.



614FK

"Skippy"
3/4d.



615FK

"Pup"
3/4d.



616FK

"Speedy" 3/4d.



617FK

"Sporty" 3/4d.



FROG SENIOR SCALE SERIES Flying Model Kits

Flying models of well-known aircraft. Kits include plastic moulded airscrew, wheels, all wood parts ready cut and numbered. You can build a good model that really flies with these excellent kits. Approximate span 22".



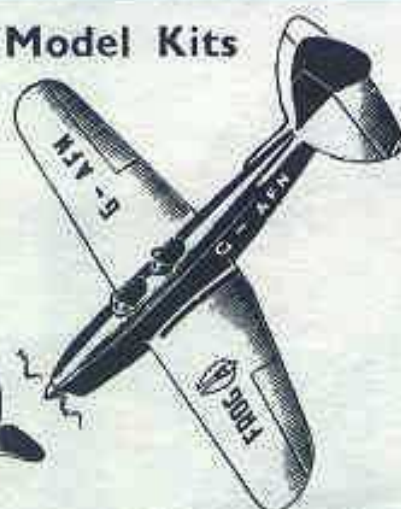
732FK Short "Seamew"

4/9d.



731FK Cessna "Bird Dog"

4/9d.



730FK D.H. "Moth-Minor"

4/9d.

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The finest range of flying model kits, engines and accessories, covering the needs of every type of modelling, for both the beginner and expert.

FROG ENGINES AND ACCESSORIES

The excellent range of miniature diesel and glow-plug motors covers every need in this field of modelling, at a moderate cost; there is a suitable motor for every size of model aircraft!



FROG "049RG"
8 c.c.

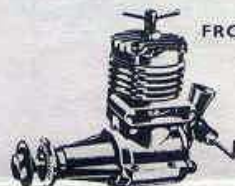
"049RG" Wt. 1.9 oz. B.H.P. .07 at 15,000 r.p.m. Ideal beginner's engine easy to start, smooth vibration-free running. Large bearing areas. Fitted starter-spinner and starting cord. 49/6d.

FROG "049 PS" PRESENTATION SET. "049RG" motor with 6" Nylon airscrew, nylon tank, "starter-spinner" and cord, tommy bar. Packed in rigid display box. 57/6d.



FROG "80D"
8 c.c.

"80D" Wt. 1.9 oz. B.H.P. .065 at 12,000 r.p.m. Especially suitable free-flight scale models. Exhaust stacks for clean running. Vibration proof compression screw. High duty synthetic rubber contra-pistol seal. 46/0d.



FROG "349BB"
3.5 c.c.

"349BB" Wt. 6½ oz. B.H.P. .33 at 12,000 r.p.m. Single ball race engine. Especially suitable for combat etc. Vibration proof compression screw. 79/2d.

FROG "349D" Plain bearing version. B.H.P. .30 at 11,000 r.p.m. 69/8d.



FROG "500RG"
5 c.c.

"500RG" Wt. 7½ oz. B.H.P. .45 at 14,000 r.p.m. A recently improved version of an old-established favourite. Particularly suitable R.C. stunt and C.L. models. Ball-bearing thrust race. 72/9d.



FROG 100 Mk. II"
1 c.c.

"100 Mk. II" Wt. 3oz. B.H.P. .104 at 15,000 r.p.m. Ideal beginner's diesel. Sturdy construction, exceptionally easy starting. Ultra high performance (over 100 B.H.P. per litre). 53/4d.

FROG "100 PS Mk. II" PRESENTATION SET. "100 Mk. II" motor with plastic airscrew. Anodised spinner, cylinder head, tommy bar and nylon tank. Packed in rigid display box. 59/6d.



FROG "149D"
1.5 c.c.

"149D" Wt. 3 oz. B.H.P. .122 at 13,000 r.p.m. The ideal "sport flying" engine. Extremely low fuel consumption. Will run in either direction. Vibratic inlet valve gives great flexibility. 54/4d.



FROG "150R Mk. II"
1.5 c.c.

"150R Mk. II" Wt. 3.1 oz. B.H.P. .15 at 14,500 r.p.m. A really "hot" Contest engine, especially suitable for Team racing. Very low fuel consumption. Easy re-starting. 53/4d.

FROG "150 PS" PRESENTATION SET. "150R Mk. II" motor with plastic airscrew, anodised spinner and cylinder head. Nylon tank. Packed in rigid display box. 63/4d.



FROG "249BB"
2.5 c.c.

"249BB" Wt. 6 oz. B.H.P. .265 at 15,000 r.p.m. Powerful Contest type engine. Twin ball-bearing, with outer rubber seal. 76/10d.

FROG "249BB" (Mod.) special super performance version (red anodised fins) B.H.P. .295 at 15,500 r.p.m. 85/6d.



FROG 1400 "Venom"
1.5 c.c.

1400 "Venom" Glow Plug engine. Fitted with spring starter for easy handling. Ideal beginner's engine 3½ oz.



FROG 1500 "Viper"
1.5 c.c.

1500 "Viper" Ball-bearing diesel specially designed for competition flying 3½ oz.

These Fuels have been specially developed for use with Frog motors by Shell-Mex B.P. Ltd., and are the best all-round Fuels for all diesel and glow plug motors.



DF 01



RG 01

DF/01 Shell Powa-Mix. For all Diesel engines. Ready mixed. Contains ether. Tin with spout. 3/0d.
RG/01 Shell Red Glow Fuel. For all Glow Plug ignition motors. Tin with spout. 3/0d.

A/EP349 Exhaust pipe and manifold for "349" diesel only. Complete with fixing screws. 7/6d.

FROG AIRSCREWS

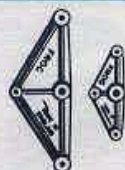
Precision moulded in plastic to true aerofoil sections for all motors.

PA 07	8" dia. x 5" pitch
PA 08	8" dia. x 6" pitch
PA 09	8" dia. x 8" pitch
PA 10	10" dia. x 6" pitch
PA 11	9" dia. x 6" pitch
PA 12	6" dia. x 4" pitch
PA 13	5" dia. x 6" pitch
PA 14	6" dia. x 6" pitch
PA 15	7" dia. x 4" pitch
PA 17	7" dia. x 6" pitch
PA 18	8" dia. x 4" pitch

FROG NYLON AIRSCREWS

As above, but moulded in Nylon 100% increased strength, 20% saving in weight.

1/3d.	NA 07	8" dia. x 5" pitch	2/11d.
1/6d.	NA 08	8" dia. x 6" pitch	2/11d.
1/6d.	NA 09	8" dia. x 8" pitch	3/5d.
1/6d.	NA 10	10" dia. x 6" pitch	3/8d.
9d.	NA 11	9" dia. x 6" pitch	3/5d.
9d.	NA 12	6" dia. x 4" pitch	1/6d.
1/0d.	NA 13	5" dia. x 6" pitch	1/3d.
1/0d.	NA 14	6" dia. x 6" pitch	1/6d.
1/3d.	NA 15	7" dia. x 4" pitch	2/0d.
1/3d.	NA 16	9" dia. x 4" pitch	3/6d.
	NA 17	7" dia. x 6" pitch	2/6d.
	NA 18	8" dia. x 4" pitch	3/0d.



A/BC/1 2½" long bell crank in nylon for control-line models. 9d.
A/BC/2 1½" long bell crank in nylon for control-line models. 7d.



A/SN 1½" dia. Spinner in nylon and polythene (Tempest Shape) 2/11d.



A/PP Plastic Pilot. Height 1". Head diam. ¾". 1/3d.



A/WR/B 2" dia. rubber balloon wheel with metal hub. Pair 3/11d.



A/WP 1½" dia. Soft P.V.C. streamline wheel with metal hub. Pair 2/11d.



A/WR/S 2" dia. rubber streamline wheel with metal hub. Pair 3/11d.
A/WN 1½" dia. Nylon streamline wheel. Pair 1/6d.



A/SP/07 ½" Glow Plug (Standard reach) 5/11d.
A/SP/08 ½" Glow Plug (Long reach) 5/11d.



FROG UNIVERSAL Balsa Cement. Strong and quick drying; for all model work.
BC/01 Small Tube 6d. **BC/02** Large Tube 10½d.

A/FT/01 NYLON FUEL TANK. For engines up to 1.5 c.c., complete with fixing bolts. 2/0d.