



Electric Old Timers Fact Sheet

'Old Timers' come in all shapes and sizes. The term describes a particular variety of model aircraft (not their pilots).

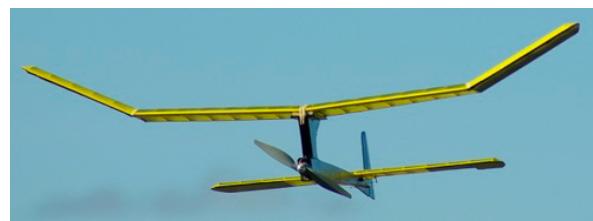


In essence they are **vintage** models, based on designs published or available as kits during the "golden era of model aviation", the decade of the thirties to the beginning of WWII.

The Society of Antique Modelers (SAM), recognized as a world wide authority and advocate of these aircraft, calls models prior to 1939, "antique", and before 1942, "old timer". Aircraft up to 1956 are in the "nostalgia" category. There are 'chapters' of SAM throughout Australia, encouraging all age groups to experience the pleasure of building and flying these character filled models.



Competition among 'old timer' flyers has led to the development of rules and regulations that make sure the models look like their vintage counterparts while allowing modern building materials and structural improvements. Replacing ignition or glow motors with electric power is now also an option.



'Old Timer's were originally free flight models powered by ignition engines or rubber motors. In that era, there were two types of competition, one for a limited motor run, the other for a limited fuel allowance. Current competition rules emulate those concepts.

Rules for events currently flown by the AEFA are on its website:

Texaco - limited battery (fuel) allowance based on aircraft weight

Duration - limited motor runs, battery based on wing area

Height Limited - single, limited motor run to a capped ceiling

1/2A Texaco - the same idea as Texaco but aircraft are limited in size and battery options are reduced

Starting out with 'old timers' might seem a challenge but selecting a good design, and appropriate power package can be very simple if we look at what currently works for others. Here are some tables describing some of the models currently competing in AEFA events. They show that one or two designs dominate and that mid to low price range motors give good results.

DURATION

Model	Wingspan	Weight	Motor	Prop	Battery/ Current
Playboy	80" 2030mm	49oz 1390g	2848-4800 in-runner Astro gear	Bolly 12"	2200-3S 100A
Sunduster	88" 2235mm	60oz 1720g	Scorpion HK4015- 1050	12x6	1800-6S 89A
Airborne	114" 2895mm	67oz 1900g	Scorpion 3026-890	13x8	2200-4S 70A
Playboy Cabin 102%	79.5" 2020mm	47oz 1332g	Hyperion ZS3025-10	12x6	1800-4S 50A
Record Hound	68" 1727mm	50oz 1470g	MVVS	13x10	1800-4S 53A
Lanzo Bomber86%	78" 2000mm	59oz 1417g	Scorpion 4020-12	13x6	1800-6S 50A
Playboy	80" 2030mm		Axi	12x6	2200-3S
Cumulus	79" 1778mm	56oz 1588g	Neu 1509	14x10	2200-4S 140A

TEXACO

Model	Wingspan	Weight	Motor	Prop	Battery/ Current
Lanzo Bomber 70%	70" 1780mm	31oz 879g	Eflite Power 15	13x6	920-2S 18A
Airborne	114" 2895mm	67 oz 1900g	Scorpion 3026-890	13x8	900-4S 55A
Lanzo Bomber70%	70" 1780mm	26oz 750g	400 size Turnigy- outrunner	10x6	800-2S 12A
Lanzo Bomber70%	67" 1710mm	34oz 964g	Hyperion 3025-8	11x5.5	900-2S 20A
Nimbus	123" 3125mm	154oz 4365g	Turnigy 5065-400	16x8	2200-4S 35A
Dallaire Sportster	108" 2740mm	88oz 2495g	Turnigy 3648-850	12x6	1600-3S 32A



Experience in AEFA competitions has also shown that for the first three categories, flyers can be very successful using the same airframe and motor. All that is needed is to change propeller and battery for each category.



HEIGHT LIMITED

Model	Wingspan	Weight	Motor	Prop	Battery / Current
Record Hound	68" 1727mm	50oz 1417g	MVVS 4.6/840	13x10	1800-4S 53A
Playboy	80" 2030mm	49oz 1390g	2848-4800 in-runner Astro gear	Bolly 12"	1750-3S 70A
Airborne	114" 2895mm	67 oz 1900g	Scorpion 3026-890	13x8	2200-4S 60A
Airborne	48" 1220mm	22oz 624g	Hyperion 2218-10	12x6	1300-3S 18A
Lanzo Bomber70%	67" 1710m	35oz 992g	Hyperion 3025-8	11x5.5	1200-3S 28A
Lanzo Bomber70%	70" 1780mm	31oz 880g	Eflite Power 15	10x8	2200-2S 20A
Sunduster	88" 2235mm	60oz 1720g	Scorpion- HK4015- 1050	13x6	1800-3S 70A
Dallaire Sportster	108" 2740mm	88oz 2495g	Turnigy 3648-850	14x7	2600-3S 63A

1/2A TEXACO

Model	Wingspan	Weight	Motor	Prop	Battery/ Current
Playboy	36" 915mm	10 oz 283g	Hobbyking	6x3	450-2S 5A
Stardust Special	55" 1397mm	13oz 369g	Hyperion	8x6	450-2S 9A
Airborne	48" 1220mm	11oz 312g	Multiplex	8x6	450-2S 8A
Airborne	54" 1370mm	14oz 385g	Rimfire outrunner	9x6	450-2S 9A
Dallaire Sportster	50" 1270mm	13oz 369g	Rimfire outrunner	9x6	450-2S 9A
Playboy	51" 1300mm	14oz 397g	SCM-3323 1500 Kv	7x4	450-2S 10A
Powerhouse	42" 1066mm	11oz 312g	Himark 2812-1200	7x5	460-2S 5A



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