SCAT: 1959 to 2009. 50 Years of FAI Free Flight Leadership

January 2009

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Introduction:

SCAT is pleased to capture in digital format years of work by the founding fathers of SCAT. The SCATTERs, from 1961 to 1969, were produced using typewriters, pencil, triangle drafting tools, mimeograph machine and countless licked postal stamps. During this period, the club meets weekly with three of the meetings devoted to the creation and publication of the SCATTER. Bill Hartill was the heart and soul of the SCATTER. His editorials were sometimes controversial but they were always informative. Many other talented editors made their impact as well. Let us not forget the publishers that stayed after hours at their work and printed the SCATTERs on state of the art mimeograph machines. For the first few years twelve SCATTERs was sent for a $1 donation, postage use 3 cents!

SCATTER was instrumental in the formation of FAI FF competition in the USA. I can remember getting my first SCATTER and the thrill of seeing one of my designs captured by the un-surpassed drafting talent of Craig Cusick.

For all the diligent effort of the founders to create this large volume of work it is only right to preserve and redistribute for education, for enjoyment and for future generations consideration. As Bill Hartill wrote in the first SCATTER, April 1961,

> "SCAT's main aim is to foster more serious attention on the developing and flying FAI class free flight models, and through the individual efforts of its members, to establish a hard core of active FAI modelers who can compete, on an equal basis, with other such serious modelers throughout the world. The purpose of this publication [SCATTER] is to provide a publishing medium for technical information, 3-views, general FAI news, and other data pertaining to FAI models, for the benefit of like-minded modelers both here and overseas.

After the first year of publishing, Bill wrote of SCATTER building a 25,000 mile workbench.—"a comfortable informal place to gather with our modeling friends… a convenient spot that melts the thousands of miles between us… a common environment if you will, where the small groups and the isolated rugged individuals of our dedicated international clan can meet each month to exchange ideas, designs, techniques and opinions"

While SCATTER stop publication stopped in 2003, the aim of SCAT remains the same and continues via SCAT Electronic News (SEN), the America's Cup, support of the open and junior program and the beginning of the Hartill Trophy.

The first issue of SCATTER was labeled "All Rights Reserved". I am not sure of copy right rules and the like but if someone can figure out away to make larges amounts of money using this data base, contact me and we'll work a deal! All SCATTER material can be used free of charge for non-commercial use. We would appreciate proper credit to the Southern California Aero Club (SCAT) and the original author, designer and draftsmen. Preservation of the last SCATTER volumes, 1973 thru 2003 will follow in upcoming years."

SCAT Presidents, SCATTER editors and other Historic Facts

1959, SCAT Begins. Founders Hartill, Hutchinson, Peterson, Wiehle, Krecek, Sykora, Trego, Patterson. President: Bill Hartill
1961, April 1961, First SCATTER, Editor: Ken Sykora
AMA finalizes separate rules for AMA from FAI
1962- 1963 President Craig Cusick, SCATTER editor Bill Hartill
1964, President Bob VanNest, SCATTER editor Bill Hartill
1965, President Bob Wiehle, SCATTER editor Bill Hartill
1966, President Bill Bogart, SCATTER editor Bill Hartill
First Central "Fly-off" TSP, Bong WI, 5 round x 3 days
1966, 1967, President Andy Faykun, SCATTER editor Bill Hartill
1968, President Don Hutchinson, SCATTER editor Bill Hartill
First NFFs Symposium, Bill Hartill Editor, Craig Cusick and Ken Sykora graphics
1969, President Craig Cusick, SCATTER editor Bill Hartill
1970, President: Craig Cusick, SCATTER editor: George Bahrman
1974, 1976, SCATTER editor: Hartill
1977, President: Jim Wilson, SCATTER editor: Hartill
First F1A Electronic Timer- K. Bauer
1978, Bill Hartill publishes World Free Flight Review
1979 World Champs at Taft
1980, SCATTER editor: Hartill
SCATTER restarts under Bill Bogart
1987, President Jim Wilson, SCATTER editor: Bill Bogart
AmCup Concept developed- Al Hotard
1988, President Jim Wilson, SCATTER editor: Bill Bogart,
AmCup Provisional / Inaugural year
First Jr World Champs, Poland
1989, President Jim Wilson, SCATTER editor: Craig Cusick
June- 1st Big Als' at Lost Hills
1990, 1991, President Hector Diez, SCATTER editor: Bill Bogart 1
1992, 1993, President Pierre Brun, SCATTER editor: Bill Bogart
1992, First USA F1A Bunter, P. Brun
1993, First electronic Bunter, P. Brun, K. Bauer, J. Parker
1993 World Champs at Lost Hills
1994, 1995, President Roger Morrell, SCATTER editor and publisher: Bill Bogart
First Black Magic Timer
1995, SCATTER, Memorial Edition to Bob and La Vera

First AmCup Award Banquet, Mini Events added to Am Cup
SCAT Electronic News starts

1996, President Roger Morrell, SCATTER editor: Bill Bogart

1997, President Terry Kerger, SCATTER editor: Bill Bogart
Craig (the SCATTER Draftsman) and Julie Cusick move to Sacramento

1998, President Roger Morrell, SCATTER No 80, Jan 1998, Bill Bogart's last SCATTER, SCATTER No 81, Apr 1998Tom Coussens, editor

1999, President, Roger Morrell, SCATTER No 81, Apr 1998 Tom Coussens, editor
First USA produced RDT- Aug 1999

2000-2003, President Pierre Brun, Jan LAST SCATTER no 89, Tom Coussens, editor
Special Edition, 2000, A Review of the 1999 Team Selection Finals- Tom Laird
Oct 2001- World Champs at Lost Hills

2003- 2009, President: Jim Parker
2003, SCAT F1P Jr Development Project, F1P Astro Star and .1 cc Cyclon
2006, March, 1000 SEN issues
2009, 50 year SCAT Anniversary, Hartill Trophy competition started

SCATTERS who have flown in FAI Free Flight World Championships

1. W Hartill	1955, Power [& proxied for J. Upton, NZ, Wake]
	1956, A2[proxied by Cassi]
2. J. Patterson	1958, Power 1961 & 1967, Wake
3. R. Wiehle	1959, A2
4. S. Norton	1969, Power
5. R. P. White	1971, '73, '75, 79, 85, 87[World Champ!], '89, Wake
6. R Isaacson	1975, '91, A2
7. R. Piserchio	1977, '79, '99, '03, '07, Wake
8. L. R. Hines	1979, '85, 2001, '09, A2
9. J Wilson	1979, '81, A2
10. R. Gildersleeve	1979, proxied Wake for Chilean
11. J. A. Dona	1981, A2
12. J. Livotto	1973[had proxy flier], '81, A2
13. M. Gewain	1983[World Champ], '85, '89, '93, '95, A2
14. G. Schroedter	1983, Wake
15. K. Happersett	1985, 2005, Power
16. R. Weiler	1985, '87, '91 '93, 95, 97, A2
17. J. Quinn	1987, '89, Wake
18. J. Parker	1989, '91, '99, '05, A2
19. A. Andriukov	1981, 85, 87, 89, 91, '93, '95 '97, '99, 2005, '09, Wake [3 times WCh]
20. N. Furutani	1991, Wake, [World Cup Champ 1989]
21. T. Coussens	1993, A2
22. D. Zink	1997, A2
23. R. Morrell	1997, '01, '05, '07 Wake
24. R. Van Nest	1967, A2
25. B. Van Nest	1999, 2003, '07, A2
26. J. Sessums	1999, Wake

27. V. Andriukov	1999, Wake
28. M. McKeever	2005, A2 [World Champ]
29. K. Bauer	2005, '07, '09, A2
30. J. Warren	2005, Power
31. R. Limberger	1993, Wake [for Germany] , '99, 2001, '03 A2[for Lux]
32. P. Allnutt[CAN]	1965, '75, '79, '83, '85, '89, '91, '93, '95, '97, '99, 2001, '03, '05, '07
33. J. Malkin	1957, 1958, 1960 A2 and Wake

Compiled by Lee Hines, SCAT Secretary, Jan 2009

Junior SCATTERS who have flown in FAI Free Flight World Champs

1. S. Coussens	1998, A2
2. D. Parker	2000, 02, A2
3. B. Coussens	2002, A2
4. B. Bauer	2004, 06, A2
5. T. Secor	2004, 06, A2
6. C. Secor	2004, 2006 2008 , F1P [2 times World Champ}

Current SCAT Record Holders per AMA Website: 12-09-2008

F1A,
Jr, Ben Coussens, 38:31, 10-06-2001
Sr, Dallas Parker, 42:00, 09-26-2004
Open ,Tom Coussens, 69:35, 03-13-1994

F1H
Sr, Dallas Parker, 47:21, 03-10-2004

F1G
Open, ,John Sessums, 38:24, 03-10-2002

F1P
Sr, Cody Secor, 36.00, 10-11-2008

SCATTER Indexes for 1962 through 1967

Following are the indexes from the original SCATTER. Only the years 1962 through 1967 were done.

1962 ARTICLES

Title	Author	Month
Two Timers	Bob Van Nest	March
'62 Nordic Contries Champ Report	Birger Bulikin	March
Postal Contest Results		March
Some Comments on Exhaust Tuning	Bill Hartill	April
On Launching Towline Gliders	J. Wordin	April
On the Nature of Thermals and Thermal Soaring	Glenn C. Kinney	April
Stabilizer Airfoil Suggestions	Craig Cusick & Ken Sykora	April
FAI G-NO/Go Wakefield Scale		June
How to Tie Rubber	Norma Hermes	June
Prop Talk	Ed Schnakenburg	July
More on Stabilizer Airfoils	David Bevan	August
Memo from Colorado (A Critique on 1962 Q.T.)	R. Lynch & G. Batiuk	August
1963 USA FAI FF Team		August
12 Meter Wakefield		September
What Happened at the West Coast Semi-Finals	Bill Hartill	September
East Coast Semi-Finals Report	Sal Cannizzo	September
Cox Plug Prob.	Bill Hartill	September
Thoughts on FAI Power Design	Don Assel	October
Indoor FAI World Champs Report		October
Not on the Agenda	Bill Hartill	October
Comment on the Central Area Semi-Finals	Pete Sotich	October
SCAT West Coast Team Travel Fund		October
A Critique on Scatter	Glenn Kinney & John Bell	November
Comment from the FF FAI Committee Chairman	G. Ritz	December
A "Fresh" Line	Bill Bogart	December
1962 Norwegian National FF Championships	Norm Stovland	December
SCAT 1st Annual Nordic Team Challenge Cup Contest		December
Key to Photo Page		December

SCATTER INDEX * Jan. to Dec. 1963

Model	Designer	Month
Wakefield		
CB 20	C.J. Burger	Feb.
Olympia	Carl Hermes	May
Nats winner	John Lenderman	June
1963 Wakefield	Don Krus	Nov.
Nordic		
Record A-2	H. Andressen	Jan.
Floridian	Bill Bell	March
Sorcerer	Don Thompson	April
Tuggy Buzzard	Bill Hartill	July
Zombie	John Wordin	Aug.
Scharrelbink	E. Nicolaas	Nov.
Thistle	Bob Petro	Sept.
String-along XIV	J. Scarborough	Dec.
FAI Power		
Lightning 7	Doug Joyce	Jan.
Hi Society	George Albright	Feb.
Scarlet Pimpernel	Andy Crisp	Feb.
FAI lander	Val Ure	March
Jankhals	M. van Dijk	April
Smokey The Bear	Bill Hartill	June
Amazoom	Hill/Wilson	July
Liberty Belle Mk2	Al Vela	Oct.
Flevoschiumer	T. van Dijk	Dec.
Gadgets		
Wing Jig	Bob Norton	Aug.
Fuel tank	Ed Schnakenburg	Aug.
Wake Hub	Henrik Dahl	Sept.
Wake Hinge	Glenn Hill	Sept.
Engine mount	Bob Van Nest	Oct.
Trailing edge	Bill Roseberry	Oct.
Wake loading stick	Henrik Dahl	Dec.
Articles		
Tail Volume vs C.G. (survey)	Bill Bogart	Feb.
Builder of model rule	Editor	Feb., May
Gott. 133 and 342	Editor	March
What Size Tail	Bill Bogart	April, May

1963 World Championships Results	Moulton	June
Sevenage, Upper Hutt, Scat - Postal meet	Editor	June
Thermals	Editor	June
Flat Plates	John Wordin	June
Montreal, Scat Postal contest	Editor	June
U.S.A, Nationals	Editor	July
Wake Champs Report	Carl Hermes	Aug.
Power Champs Report	Doug Galbreath	Sept.
1963 FAI National Championships	Editor	Sept.
Latin American Invitation	Al Vela	Sept.
Paris FAI meeting	John Worth	Oct.
International Postal Meet	Editor	Nov.
U.S,A. Team Selection Ideas	Editor	Nov.
Wake prop-rubber	George Xenakis	Dec.
Rubber energy storage	Fred Pearce	Dec.

1964

SCATTER INDEX - JAN. to DEC.

Model	Author	Month
	Wakefield	
'62 - '63 Wake.	Jim Eberts	Jan.-Feb.
'64 Wake.	Roger Gregory	Mar.-April
Crowley Wake.	Paul Crowley	May-Dec.
	Nordic	
'63 - '64 A/2	Christy & Hindes	Mar.-April
	FAI Power	
Lancer	Dave Bales	Jan.-Feb.
Orbiteer	Robert Cherny	Jan.-Feb.
Saturn Mk IV	Craig Cusick	Mar.-April
	Articles	
F/F Team Selection Plan	Editor	Jan.-Feb.
Buckeye Arizona Contest	Editor	Jan.-Feb.
Pictures	Ken Sykora	Mar.-April
'63 Index	Editor	Mar.-April
Tale of the Saturn	Craig Cusick	Mar.-April
April '64 C.I.A.M. meeting	Editor	Mar.-April
F/F Team Selection	Editor	May-Dec.
I.M.A.C. Bong Invitational	Editor	May-Dec.

SCATTER INDEX - JAN. to DEC. 1965

Wakefield

Ambird	Ernesto Colombo	Jan.
Eleanor Too	Devon Sutcliffe	Feb.
Hothead	Dan Mc Donald	March
Wakefield	Hans Martin	Oct.
Kathryn-too	Dick Gildersleeve	Nov.

Nordic

Osprey	Hugh Langevin	Feb.
Record A/2	Don Hutchinson	March
L'epervier	Pierre Brun	Dec.

FAI Power

Suspence	Hank Spence	Jan.
La Cosa	Al Vela	Feb.

Unlimited

Super Billy Boy	Dick Gildersleeve	Jan.

Articles

FAI Politics	Editor	Jan.
Variable Rib Spacing	Bill Bogart	March
Giant Postal Contest	Mike Woodhouse	March
World Champs Results	Editor	October
Champs Report	Editor	Oct.&Nov.
New Rules	John Worth	Nov.
Altitude Checker	Bob Van Nest & Cusick	Dec.
Tacoma Semi-Finals	Don Zipoy	Dec.

INDEX JAN. 1965 to DEC. 1966

ITEM	AUTHOR	ISSUE
	WAKEFIELD	
Ambird	E. Colombo	Jan. 65
Eleanor Too	D. Sutcliff	Feb. 65
Hothead	D. Mc Donald	Mar. 65
St. Polten	H. Martin	Oct. 65
Kathryn Too	R. Gildersleeve	Nov. 65
Akm	B. Johansson	Oct. 66
WN - 122	W. Niestij	Nov. 66
	Nordic	
Osprey	H. Langevin	Feb. 65
T Bird	D. Hutchinson	Mar. 65
L'epervier	P. Brun	Dec. 65
	Power	
Suspense	H. Spence	Jan. 65
La Cosa	A. Vela	Feb. 65
Chickitty Yackel	W. Hartill	Oct. 66
	Unlimited	
Rubber	R. Gildersleeve	Jan. 65
	Articles	
C.I.A.M. Mtg	H. Nicholls	Jan. 65
'64 Semi Finals		Feb. 65
'64 Postal Meet	M. Woodhouse	Mar. 65
'65 World Champ.		Oct - Nov. 65
Leading Edges	Van Nest/Cusick	Nov. 65
Altitude Checks	" "	Dec. 65
NW '65 Semi Finals	D. Zipoy	Dec. 65
Routing	R. Van Nest	Oct. 66
Bong Bash		Nov. 66
Committee?	E. Dolby	Dec. 66
Wing Jig	W. Bogart	Dec. 66
Starter		Dec. 66
WFFA		Dec. 66