



COMPETITION RULES



THE COMPETITION

The Barron Hilton Soaring Cup was created in 1981 by Barron Hilton, Chairman of the Board of Hilton Hotels Corporation, and the late Dr. Helmut Reichmann, three-time world soaring champion. The purpose of the competition is to promote long-distance gliding and to strengthen gliding contacts between the participating nations. With the addition of Daimler-Chrysler as a partner in 1996 – and now under the leadership of the European Aeronautic Defense and Space Company – the Barron Hilton Cup has become truly global in scope.

The competition area is divided into five geographic regions of the world.

1. All of Europe and all of Asia except Japan
2. Eastern USA and Canada
3. Western USA, Central and South America
4. Australia and Africa
5. Japan and New Zealand

In Region 1 there will be one winner in each of the following Classes: Standard, 15-meter, Open Class, Doubleseater, and Club Class. In each of the other groups there will be one winner only.

Competitors can only compete in the region of which they are permanent residents. The winner will be the pilot who is resident in one of the countries of the respective region and has achieved the highest point score for a flight according to the rules governing this region. Each competition covers a one-and-a-half-year period, running from March 15 until September 15 in the Northern Hemisphere and from September 15 until March 15 in the Southern Hemisphere.

THE REWARD

The winners, each accompanied by a guest, will be hosted by Barron Hilton for a week-long soaring camp at the Flying-M-Ranch in Nevada. There they will have the opportunity to get to know and to fly with some of the best pilots in soaring. There is no contest at this encampment; the emphasis is on fun and record flying. The personal friendships that develop among the participants will last a lifetime. This is one of the great benefits, together with the promotion of cross-country soaring, that inspired the founders of the Barron Hilton Cup.

Repeat winners of the Barron Hilton Cup will be awarded the first place medal for their achievements; however, the invitation to the Soaring Camp will be extended to next eligible competitor. If there are more than three invitees of the same nationality, those with the greatest point difference to the silver medal winner will be invited. The others will be replaced by pilots from other countries, as long as they have at least 80% of the score of the gold medal winner of their class.

THE RULES

1. Only completed triangular flights with a minimum flying distance of 400 Kilometers will be accepted.
2. The shortest leg of the acceptable triangular course must fulfill the FAI Sporting Code 1.4.3, 1.4.3.1. If the acceptable triangular course does not fulfill FAI Sporting Code 1.4.3, a reduction of 12.5% will be applied.
3. One point per Kilometer flown will be awarded for each submitted flight, then adjusted using the BHC handicap factor based on the sailplane used. The handicap Factor used are shown on the next page.
4. Pilots may submit any number of flights meeting the criteria; only the highest scoring flight will be counted in determining the winner.
5. Use the following certification procedures for each of the following regions:
Region 1 —Europe: according to the BHC-entry form or the German DMST-procedure.
Regions 2 & 3 —Americas East and West: use SSA badge forms.
Region 4 —Australia/Africa: use FAI badge forms.
Region 5 —New Zealand and Japan: use FAI badge forms.
6. The flights must be submitted as soon as practical but not later than one month after the close of the contest period to the regional representatives. The documentation of the winning flights will have to be submitted with navigational charts covering the task.
7. In the event of a tie, the pilot who landed first will be the winner. If this does not identify a winner, a coin toss by the Competition Director will decide.
8. In the event of a dispute, the decision of the Competition Director is final.

**For additional information
please contact:**

Hannes Linke

Competition Director, Barron Hilton Cup

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310-672-0554

Send completed FAI forms to:

Soaring Society of America

Post Office Box E, Hobbs, New Mexico 88241 USA

HANDICAP

Region 1: Use current German Index List

Region 2: Use BHC Handicap List

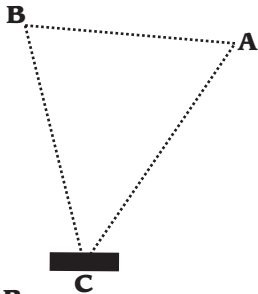
Region 3: Use BHC Handicap List

Region 4: Use BHC Handicap List

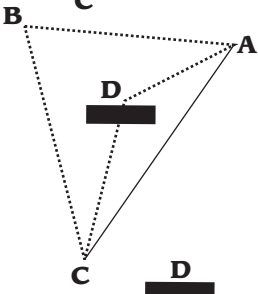
Region 5: Use BHC Handicap List

ACCEPTABLE COURSES

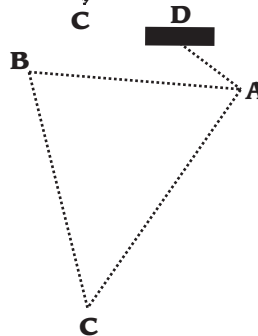
The following triangular courses are the only acceptable flights. The shape of the triangle is irrelevant, providing that it meets FAI Sporting Code 1.4.3. Any triangle not meeting FAI Sporting Code 1.4.3, the scoring distance will be reduced by 12.5%



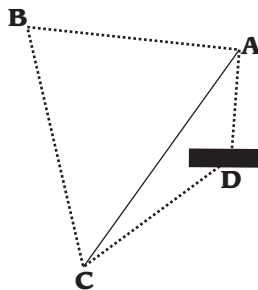
Fly CABC, where C is the landing strip. Flight distance is CABC.



Fly ABCA(D), where D is the landing strip. Flight distance is ABCA.



Fly DABCD, where D is the landing strip. Flight distance is ABCA.



Fly DABCD, where D is the landing strip. Flight distance is ABCA.

HANDICAP LIST / 1

MULTIPLICATION FACTOR

EAST WEST SAILPLANE LIST

0.761	0.761	Nimbus 3DM (24.6)
0.762	0.762	ASH-25M (25)
0.764	0.764	ASH-25M (25.6)
0.766	0.766	ASH-25 (25) Winglets, ASH-25E (25) Winglets
0.767	0.767	Nimbus 3DT (24.6)
0.768	0.768	ASH-25 (25)
0.770	0.770	Nimbus 3D (24.6)
0.773	0.773	Nimbus 4DM (26.4)
0.776	0.776	Nimbus 4D (26.5)
0.790	0.790	ASW-22BE, Nimbus 4M (25)
0.796	0.796	ASW-22BLE (26.4)
0.801	0.801	ASW-22B (25)
0.815	0.815	Nimbus 3T (24.5), Nimbus 3T (25.5)
0.820	0.820	DG-500M (22)
0.823	0.823	Nimbus 4 (26.4)
0.828	0.828	Nimbus 2M (20.3)
0.830	0.830	Ventus 2CM (15), A-21SJ
0.832	0.832	Nimbus 4T (26.4)
0.833	0.833	Nimbus 3 (22.9)
0.835	0.835	ASH-26E (18)
0.838	0.838	Ventus CM (17.6)
0.845	0.845	LS-9-18, Janus CM, Nimbus 3 (24.5), Ventus CM (18)
0.848	0.848	Janus CT (20)
0.850	0.850	DG-800B (18)
0.855	0.855	Ventus CM (15), DG-505MB (22) Elan Orion Cross-Country
0.857	0.857	DG-800 (18)
0.860	0.860	DG-600 (18), DG-800 (18) Winglet, Duo Discus (20), 604 (1W), DG-505MB (20), Ventus BT (15), Falcon XL (18), Kestrel 22, Stemme S-10, S-10V, S-VT Chrysalis
0.865	0.865	604, ASW-17, Ventus 2C (18), LAK-12 "Lietuva", SZD-42A Jantar 2, SZD-42 Jantar 2B
0.866	0.866	DG-600M (17)
0.869	0.869	DG-400 (17)
0.870	0.870	ASW-12, DG-600 (17), DG-600M (18), Ventus BT (16.6), A-21, -21J
0.873	0.873	Diamant 22
0.875	0.875	ASH-26 (18), DG-600 (18), Diamant 19, LS-7-18, DG-505 (22) Elan Orion Cross-Country, Nimbus 2, 2C, LS-6C-18
0.880	0.880	Nimbus 3, DG-500 (22), DG-505 (20) Elan Orion Cross-Country, LS-9-15, DG-800 (15) Winglet, Ventus 2C (15)
0.882	0.882	BS-1, -1b
0.883	0.883	LS-6C-17.5
0.885	0.885	Ventus B (15), DG-600M (15)
0.887	0.887	DG-400 (17)
0.889	0.889	ASW-20 XV
0.890	0.890	Ventus B (16.6), Discus Turbo (15), Janus B, DG-800B (15), Discus Turbo (15)
0.892	0.892	Janus C, Ventus A (16.6), CA (16.6)
0.895	0.895	Ventus C (17.6), DG-800 (15), Ventus 2A (15), Discus BM (15)
0.897	0.897	ASW-24E (15), T-59D Kestrel 19
0.900	0.900	DG-500 (20), DG-500, DG-600 (15), DG-800S (15), Diamant 18, ASW-20 (15), -20B (15), -20CL (15), -20CF (15), LS-6, -A, -B, LS-6C-15, Ventus A (15), C/A (15), Ventus 2B (15), Scimitar 1 Winglets, Scimitar 2
0.903	0.903	PIK-30M
0.907	0.907	ASW-27 (15)
0.908	0.908	Falcon (15)
0.909	0.909	PIK-20E
0.910	0.910	ASW-20C (16.6), Cirrus B (17.74), Cirrus 18.3, DG-500 (18), 401 Kestrel 17
0.913	0.913	PIK-20E2F
0.915	0.915	DG-505 (18) Elan Orion Trainer
0.918	0.918	IS-32
0.920	0.920	ASW-18 (16), LS-8-18, DG-202 (17), DG-300 Acro
0.925	0.925	DG-200 (17), Diamant 16.5
0.930	0.930	Discus 2b (15), Prue IIA, SZD-38 Jantar 1, IS-29E3

HANDICAP LIST / 2

MULTIPLICATION FACTOR

EAST WEST SAILPLANE LIST

0.935	0.935	ASW-24B (15), DG-202 (15), LS-3-17, IS-29E2
0.938	0.938	LS-8 (15), Genesis II (Winglets)
0.939	0.939	Discus A, -B, -CS, Genesis II (No Winglets), LS-7-15
0.940	0.940	ASW-24, LS-3a, Discus 2a, Spirit (Std), IS-29E, O-3 Mod
0.945	0.945	Genesis I (No Winglets), DG-202 (15 Only), H-301 Libelle (Schumann)
0.950	0.950	LS-4, -4a, IS-29G, DG-200, 304, 304CZ (15)
0.952	0.951	LS-3
0.955	0.953	Pegasus 101A, B, D
0.960	0.956	SZD-55-1, DG-300(15)
0.965	0.959	Pegasus 101AP, 101BP
0.970	0.963	303 Mosquito, ASW-19, -19B, PIK-20B, Zuni II (S/N #11-#20), Phoebus C, SZD-41A Jantar Std, T-65 Vega
0.974	0.965	Mini-Nimbus HS7
0.975	0.966	Mini-Nimbus C, SZD-59-Std, G-103C Twin III SL, G-1040
0.975	0.966	Speed Astir II, IIB, SGS 1-35A, Zuni (S/N #1-#10, PIK-20, -20D)
0.977	0.967	PIK-20D-78, Mini-Nimbus A/B
0.980	0.969	SZD-59-Acro, ASW-17 (15), DG-300 Club, Cirrus 75, Cirrus 76, 206 Hornet C
0.983	0.971	H-301 Libelle, Diamant HBV
0.990	0.975	DG-303, SZD-48-3 Std Jantar 3
1.000	0.982	Standard Cirrus, ASW-15, -15B
1.010	0.988	LP-15, 15B Nugget
1.011	0.989	UTU KK-le
1.013	0.990	H-201 Std. Libelle, SGS 1-35
1.015	0.991	Concept-70
1.019	0.994	LS-1B, -1C, -1F
1.022	0.996	G-102 Club Astir IIIb FG, G-103C Twin III FG, SZD-37 Cobra-17
1.025	0.997	HP-12A, HP-14, HP-19, Phoebus A, B, Pegasus Club
1.027	0.999	HP-12A
1.034	1.003	HP-13H
1.036	1.004	DG-101G
1.038	1.006	DG-100 Club, -101 Club, 100 Std, GP-1
1.043	1.009	Edelweiss C-30S
1.050	1.013	RHJ-9, G-103C Twin III Acro, MDM-1 FOX
1.060	1.020	ASK-23
1.063	1.021	HP-18, 18A, HP-16T, RS-15
1.070	1.026	SGS 1-35 Club
1.074	1.028	ASK-23
1.080	1.032	HP-14C
1.087	1.037	T-51 Dart-17, -17R
1.089	1.038	HP-10, SZD-36A Cobra-15, SZD-30 Pirat, Prue UHP-1 IS-29D2 Lark, HP-11, -11A
1.100	1.045	H101 Salto, Open Cirrus, SZD-39 Cobra 15, Prue II
1.115	1.054	Austria SH-1, Sisu, -1A, SZD-24C Foka Standard
1.140	1.070	G-103 Twin Astir, HP-15/18 (18), Austria SHK
1.141	1.071	205 Club Libelle
1.150	1.076	G-102 Std II, III, HP-14T, SZD-51-1 Junior
1.154	1.079	IS-28
1.155	1.080	G-103 Twin II & Acro, Fixed Gear
1.158	1.081	LP-49
1.160	1.083	G-102 Club Astir II, III, IIIb, G-102 Astir CS, CS-77, Std II, Swift S-I
1.167	1.087	IS-30 Twin Lark
1.170	1.089	RHJ-8
1.180	1.095	RHJ-7, HP-15
1.185	1.099	AC-4 Russia 12.6 (R)
1.190	1.102	B-4 (R), SGS 1-134R, T-50 Skylark 4
1.193	1.104	AC-4 Russia 12.6
1.200	1.108	B-4-PC11, SGS 1-34, SFS-34B
1.206	1.112	PW-5 Smyk
1.220	1.121	T-51 Dart-15, SGS 1-24
1.230	1.127	IS-28B2 Lark, T-51 Dart-15/17
1.233	1.129	H101 Salto, SGS 1-29, Zugvogel III, IIIA, IIIB
1.240	1.133	SZD-24 Foka 4A

HANDICAP LIST / 3

MULTIPLICATION FACTOR

EAST WEST SAILPLANE LIST

1.260	1.146	L-33 SOLO, Ka-6E, ES 60 Bomerang
1.270	1.152	SF-27
1.274	1.155	SGS 2-25, MG-23, -23SL (Musger)
1.280	1.159	Sagitta 17
1.287	1.163	SZD-50-3 Puchacz, M-100S
1.300	1.171	Tern II, IS-28B, B1, T-43 Skylark 3F
1.314	1.180	SGS 1-36 "Sprite"
1.330	1.190	ASK-21
1.340	1.196	G-109B
1.341	1.197	PIK-16C Vasama
1.342	1.198	Prue Standard, Sagitta 15
1.349	1.202	Ka-6CR, BG-12A, -12B, -12BD, 12/16
1.350	1.203	Standard Austria, BG-12C, FM-1
1.356	1.207	SGS 1-23H-15, SGS 1-23G, H, HM, SF-27M
1.360	1.209	SGS 1-23 E, F
1.370	1.215	Krosno K-03a, ES 59 Arrow, SF-26 Standard
1.380	1.222	SGS 1-23D, ASK-13, AMT-100 (RF-10) Ximango
1.384	1.224	LP-46 (13.6)
1.390	1.228	Wind Rose
1.398	1.233	L-Spatz-55
1.400	1.234	L-13J Motor-Blanik, Solitaire
1.412	1.242	T-53, 53B
1.426	1.251	BJ-1B Duster
1.430	1.253	Wind Rose, SFS-31 Milan (15M), RF-4, RF-10, IS-28-M2, AMT-200 (R) Super Ximango
1.440	1.260	Bergfalke III, Taifun-17E
1.450	1.266	Club Libelle, SGS 2-32 Utility, IS-28-M1, L-23 Super Blanik
1.454	1.269	K-8, -8B
1.460	1.272	L-13 Blanik, Dimona Karina DV-20
1.468	1.277	Prue 215, SGS 1-21, Dimona, Super Dimona HK-36R, Dimona Katina HK-36
1.480	1.285	G-109
1.490	1.291	Ka-7 Rhoadler
1.500	1.298	SGS 2-32, Swift Ultralight, SF-25C-S Falke 76
1.510	1.304	LK-10A (TG-4A)
1.511	1.305	Cherokee II RM
1.520	1.310	RF-5B Sperber
1.526	1.314	Pratt Reed PR-G1 (TG-32)
1.530	1.317	LK-10A (TG-4A) Flat Top, J-4 Javelin
1.540	1.323	SGU 2-12 (TG-3A)
1.543	1.325	Cherokee II
1.550	1.329	Freedom Falcon, SF-25B Falke, Slingsby T-61, L-23 Super Blanik, SZD-22C Mucha Standard
1.555	1.332	SZD-45 Ogar
1.560	1.336	SGS 1-21-A, C
1.580	1.348	SGS 1-23, -23B, 23C, L-13 AC Blanik
1.584	1.351	Pioneer IID
1.600	1.361	SGS 1-26D, E
1.613	1.369	SF-24 Motorspatz
1.628	1.379	L-13 Vivat SDM/SDL, SHE/SL
1.650	1.392	SGS 1-26A, B, C, RF-4D
1.673	1.407	SF-28A Tandem Falke
1.700	1.424	Pioneer IID Winglet, Woodstock 13.1m
1.720	1.437	Monerai (12.8)
1.730	1.443	Monerai (12.0), Woodstock 11.9m
1.748	1.454	American Eaglet, BS-100 Super Albatross
1.750	1.456	Monerai (10.97)
1.840	1.513	SGS 2-33, -33A, -33AK (TG-4A)
1.850	1.519	Cinema II (TG-1A)
1.902	1.552	Ka-4 Rhonlerche
1.966	1.592	BA-100 Baby Albatross
2.000	1.614	SGS 2-22, A, C, CK, E, EK
2.010	1.620	SGU 1-20