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John Thorneycroft Co

- 14 Apr 1874
- Sir Arthur Cotton
- Master: LtCol Felix Thackery Haig
- Displacement, Marine Prop(s)
- Speed: 39.6 km/h 21.4 knots
- Power: Reciprocating Steam ??? hp ??? kW
- Mass: ???

"A FAST STEAM YACHT" South Australian Register, Mon 15 Jan 1877

...The Gitana is ...of similar lines to the Sir Arthur Cotton, built by Messrs. Thorneycroft & Co. for the Indian Government, and which, without rigging or cabin accommodation of any kind, attained a speed 24.64 miles per hour on the measured mile.

Source: Trove, National Library of Australia
Nathanael Herreshoff

- 1885
- Stiletto
- Designer: Nathanael Herreshoff
- Displacement, Marine Prop
- Speed: 43.2 km/h
  23.3 knots
- Power: ???
  450 hp
  336 kW
- Mass: ???

Nathanael Herreshoff & Stiletto
via Wikipedia
John Thorneycroft Co

- 1887
- Ariete
- Master:  -
- Displacement, Marine Prop(s)
- Speed:  48.3 km/h
  26.1 knots
- Power:  Reciprocating Steam
  ??? hp
  ??? kW
- Mass:  ???

en.wikipedia.org/wiki/List_of_ships_built_at_John_I._Thornycroft...
William Gardner & Charles Mosher

- 25 Aug 1893
- Feiseen
- Master: TBA
- Displacement, Marine Props
- Speed: 50.9 km/h
  27.5 knots
- Power: Reciprocating Steam
  600 hp
  447 kW
- Mass: ???

John Thorneycroft Co

- ~1895
- HMS Boxer
- Master: -
- Displacement, Marine Prop(s)
- Speed: 54.3 km/h
  29.3 knots
- Power: Triple Expansion Steam
  8400 hp
  6200 kW
- Mass: 301 tons

HMS Buiser, similar to HMS Boxer
(Imperial War Museum)
Charles Algernon Parsons

- 27 Jun 1893
- Turbina
- Master: Charles Parsons
- Displacement, Marine Props
- Speed: 72.5 km/h
- 39.2 knots
- Power: Steam Turbine
- 7000 hp ??
- 5220 kW ??
- Mass: 44.5 tons

Turbinia at speed
Alfred John West photo
Clinton Crane

- 1910
- Dixie IV
- Pilot: Fred Burnham
- Displacement, Marine Props
- Speed: 75.6 km/h
  40.8 knots
- Power: Twin V8 gasoline
  ? hp
  ? kW
- Mass: ????
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Bell and Baldwin

- 9 Sept 1919
- Hydrodome HD-4
- Driver: Casey Baldwin
- Hydrofoil, Air Props
- Speed: 114.0 km/h (61.6 knots)
- Power: 2 x Liberty V12
  - 700 hp
  - 522 kW
- Mass: ???

[Graph showing speed over time from 1900 to 2020]
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Gar Wood

- 15 Sep 1920
- Miss America 🇺🇸
- Driver: Gar Wood
- Planing, Marine Prop(s)
- Speed: 120.5 km/h (65.1 knots)
- Power: TBA
  - ??? hp
  - ??? kW
- Mass: ???
Gar Wood

- 6 Sep 1921
- Miss America II
- Driver: Gar Wood
- Planing, Marine Prop(s)
- Speed: 129.7 km/h
  70.0 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Text
Jules Fisher

- 10 Nov 1924
- Farman Hydroglider
- Driver: Jules Fischer
- Hydroplane, Air Prop
- Speed: 140.6 km/h
  75.9 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Fischer testing Farman hydroglider on River Seine between Sartrouville & Maisons-Laffitte.
George Wood

- 4 Sep 1928
- Miss America II
- Driver: George Wood
- Planing, Marine Prop(s)
- Speed: 149.4 km/h
  80.7 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Miss America II in advertisement

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**MISS AMERICA II**


This record breaking hydroplane won the Harmsworth Trophy and also set a new mark of 111 miles per hour in A. P. B. A mile trials easily establishing the fact that she is the FASTEST BOAT IN THE WORLD. In accomplishing these results "MISS AMERICA II" used a pair of HYDE TURBINE TYPE PROPELLERS. This is an interesting tale of how the boats were built and the people who were involved. We will be pleased to make a copy of this interesting story.

HYDE WINDLASS COMPANY
Bath, Maine
Gar Wood

- 23 Mar 1929
- Miss America VII
- Driver: Gar Wood
- Planing, Marine Prop(s)
- Speed: 149.9 km/h
  80.9 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Replica of Miss America VII
Henry Segrave

- 13 June 1930
- Miss England II
- Driver: Henry Segrave & Victor Halliwell, Michael Willcocks
- Speed: 158.9 km/h
  85.8 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Gar Wood

- 20 Mar 1931
- Miss America IX
- Driver: Gar Wood
- Planing, Marine Prop(s)
- Speed: 164.6 km/h
  88.9 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Miss America IX in 1930
Kaye Don

- 15 Apr 1931
- Miss England II
- Driver: Kaye Ernest Donsky
- Planing, Marine Prop(s)
- Speed: 166.6 km/h
  89.9 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Kaye Don in 1933 via Wikipedia
Kaye Don

- 31 Jul 1931
- Miss England II
- Driver: Kaye Donsky
- Planing, Marine Prop(s)
- Speed: 177.4 km/h
  95.8 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Kaye Don in *Miss England II* & Gar Wood in *Miss America IX*, 1931 Harmsworth Trophy
Gar Wood

- 5 Feb 1932
- Miss America IX
- Driver: Gar Wood
- Planing, Marine Prop(s)
- Speed: 179.8 km/h
  97.1 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Miss America IX replica or restoration? via acbs.org
20,000 spectators look on as Kaye Don and crew achieve further speed records at Loch Lomond in July 1932 with Miss England III.

Bibliothèque Nationale de France via Wikipedia

Rolls-Royce R Nimbus227 via Wiki
Kaye Don

- 18 Jul 1932
- Miss England III
- Driver: Kaye Donsky
- Planing, Marine Prop(s)
- Speed: 192.8 km/h
- 104.1 knots
- Power: TBA
- ??? hp
- ??? kW
- Mass: ???

Press photo via internet
Gar Wood

- 20 Sep 1932
- Miss America X
- Driver: Gar Wood
- Planing, Marine Prop(s)
- Speed: 200.9 km/h
  108.5 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

7000 hp Packard installation in Miss America X  bangshift.com
Malcolm Campbell

- 1 Sep 1937
- Blue Bird K3
- Driver: Malcolm Campbell
- Planing, Marine Prop
- Speed: 203.3 km/h
  109.8 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Sir Malcolm Campbell
Richard LeSesne via Wikipedia
Malcolm Campbell

- 2 Sep 1937
- Blue Bird K3
- Driver: Malcolm Campbell
- Planing, Marine Prop
- Speed: 208.4 km/h
  112.5 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Campbell and the K3 in Italy, 1937
via Wikipedia
Malcolm Campbell

- 17 Aug 1938
- Blue Bird K3
- Driver: Malcolm Campbell
- Planing, Marine Prop
- Speed: 210.7 km/h
  113.8 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Blue Bird K3, Foulkes Halbard collection, UK restoration from 1989. via k3bluebird.com
Malcolm Campbell

- 19 Aug 1939
- Blue Bird K4
- Driver: Malcolm Campbell
- Planing, Marine Prop
- Speed: 228.1 km/h
  123.2 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Malcolm Campbell in Bluebird K4 on 19 Aug 1939 at Coniston Water via Wikipedia
Malcolm Campbell

- 19 Aug 1939
- Blue Bird K4
- Driver: Malcolm Campbell
- Planing, Gas Turbine
- Speed: 228.1 km/h
  123.2 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Blue Bird K4 replica at Lakeland Motor Museum at Backbarrow, near Ulverston, UK via Wikipedia
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R-100 Massawippi KC-B

- 1950
- R-100 Massawippi
- Designer: Phillip L. Rhodes
- Hydrofoil, marine prop
- Speed: 119.0 km/h 
  64.3 knots
- Power: Packard Merlin V12
  1280 hp
  954 kW
- No record achieved.
Stanley Sayres

- 26 Jun 1950
- Slo-Mo-Shun IV
- Driver: Stanley Sayres, Ted Jones
- Planing, Marine Prop(s)
- Speed: 258.0 km/h, 139.3 knots
- Power: TBA, ??? hp, ??? kW

via Nils M. Solsvik Jr.
Stanley Sayres

- 26 Jun 1950
- Slo-Mo-Shun IV  🇺🇸
- Driver: Stanley Sayres, Elmer Leninschmidt
- Speed: 258.0 km/h
  139.3 knots
- Power: TBA
  ??? hp
  ??? kW
- Mass: ???

Slo-Mo-Shun IV preserved?
John Cobb

- 29 Sep 1952
- Crusader
- Driver: John Cobb
- Hydroplane, Gas Turbine
- Speed: ~288 km/h
  ~156 knots
- Power: TBA
  5000 lbf thrust
  22.2 kN thrust
- No record achieved.
Frank & Stella Hanning-Lee

- 1952
- White Hawk
- Driver: Frank & Stella Hanning-Lee
- Hydrofoil, Gas Turbine
- Speed: ~96 km/h, ~52 knots
- Power: Rolls-Royce Derwent Mark V
  3500 lbf thrust
  15.6 kN thrust
- No record achieved.

White Hawk, lake Windamere via hydroplane history
Donald Campbell

- 23 Jul 1955
- Bluebird K7
- Driver: Donald Campbell
- Hydroplane, Gas Turbine
- Speed: 325.6 km/h
  175.8 knots
- Power: TBA
  ??? lbf thrust
  ??? kN thrust
- Mass: ???
Donald Campbell

- 16 Nov 1955
- Bluebird K7
- Driver: Donald Campbell
- Hydroplane, Gas Turbine
- Speed: 347.9 km/h
  187.9 knots
- Power: TBA
  ??? lbf thrust
  ??? kN thrust
- Mass: ???

Bluebird K7, Ullswater, July 1955

Hydroplane History website
Donald Campbell

- 19 Sep 1956
- Bluebird K7
- Driver: Donald Campbell
- Hydroplane, Gas Turbine
- Speed: 363.1 km/h
  196.1 knots
- Power: TBA
  ??? lbf thrust
  ??? kN thrust
- Mass: ???

Bluebird K7 and Donald Campbell's Jaguar via Pinterest
Donald Campbell

- 7 Nov 1957
- Bluebird K7
- Driver: Donald Campbell
- Hydroplane, Gas Turbine
- Speed: 384.8 km/h
  207.8 knots
- Power: TBA
  ??? lbf thrust
  ??? kN thrust
- Mass: ???

Bluebird K7
Donald Campbell

- 10 Nov 1958
- Bluebird K7
- Driver: Donald Campbell
- Hydroplane, Gas Turbine
- Speed: 400.1 km/h
  - 216.1 knots
- Power: TBA
  - ??? lbf thrust
  - ??? kN thrust
- Mass: ???

Restored Bluebird K7 via BBC News

[Image of Bluebird K7]
Donald Campbell

- 14 May 1959
- Bluebird K7
- Driver: Donald Campbell
- Hydroplane, Gas Turbine
- Speed: 419.0 km/h  
  226.2 knots
- Power: TBA  
  ??? lbf thrust  
  ??? kN thrust
- Mass: ???

Bluebird K7 on display at Goodwood Motor Racing circuit in 1960.  
via Wikipedia
Donald Campbell

- 31 Dec 1964
- Bluebird K7
- Driver: Donald Campbell
- Hydroplane, Gas Turbine
- Speed: 444.7 km/h
  240.12 knots
- Power: TBA
  ??? lbf thrust
  ??? kN thrust
- Mass: ???

Fatal loss of control of K7 via fleetstreetsfinest.com
Lee Taylor

- 30 Jun 1967
- Hustler
- Driver: Lee Taylor
- Hydroplane, Gas Turbine
- Speed: 459.0 km/h
  247.9 knots
- Power: TBA
  ??? lbf thrust
  ??? kN thrust
- Mass: ???
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Ken Warby

- 20 Nov 1977
- Spirit of Australia
- Driver: Ken Warby
- Hydroplane, Jet Thrust
- Speed: 463.8 km/h
  250.4 knots
- Power: Westinghouse
  J-34-WE-36
  3400 lbf thrust
  15.1 kN thrust

Spirit of Australia displayed at Australian National Maritime Museum, Sydney

Martin Grimm
Ken Warby

- 8 Oct 1978
- Spirit of Australia
- Driver: Ken Warby
- Hydroplane, Jet Thrust
- Speed: 511.1 km/h
  276.0 knots
- Power: Westinghouse
  J-34-WE-36
  3400 lbf thrust
  15.1 kN thrust
Lee Taylor

- 13 Nov 1980
- Discovery II
- Driver: Lee Taylor
- Hydroplane, Rocket
- Speed: \(~434.5\) km/h
  \(~234.6\) knots
- Power: Rocket
  8000 lbf thrust
  ??? kN thrust
- Mass: ???

Discovery II at start of roll-over via boatdesign.net
Craig Arfons

- 9 Jul 1989
- Rain X Challenger 🇺🇸
- Driver: Craig Arfons
- Hydroplane, Jet Thrust
- Speed: ~485.8 km/h
  ~262.3 knots
- Power: Gas Turbine
  3300 lbf thrust
  4000 lbf afterburner
- Mass: ???

![Rain X Challenger](via americanjetcars.com)
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Nigel Macknight - Quicksilver

- Under Construction
- Quicksilver
- Driver: ?
- Hydroplane, Jet Thrust
- Speed: ~560 km/h aim
  ~300 knots aim
- Power: Gas Turbine
  ??? lbf thrust
  ??? kN thrust
- Mass: ???

Quicksilver artist impressions and construction
- Under Construction
- Dartagnan SP600
- Driver: _______
- Hydroplane, Jet Thrust
- Speed: ----- km/h aim
  ----- knots aim
- Power: Gas Turbine
  ??? lbf thrust
  ??? kN thrust
- Mass: ???

Dartagnan SP600 under construction
David Warby

- Ongoing
- Spirit of Australia 2 🇦🇺
- Driver: David Warby
- Hydroplane, Jet Thrust
- Speed: ----- km/h aim
  ----- knots aim
- Power: Gas Turbine
  ??? lbf thrust
  ??? kN thrust
- Mass: ???

Spirit of Australia 2 (or Spirit 2) September 2018
Longbow

- Under Construction
- Longbow
- Driver:
- Hydroplane, Jet Thrust
- Speed: ----- km/h aim
  ----- knots aim
- Power: Gas Turbine
  ??? lbf thrust
  ??? kN thrust
- Mass: ???
Links – Delete Later

• etc