



MEMORANDUM

TO: Drivers, Owners, Crew Chiefs, Referees and Inspectors

FROM: Counsel to H1

CC: Tim Austin, Rick Sandstrom, Kelly Stocklin, Jan Shaw

SUBJECT: 2023 Rule Changes

DATE: March 1, 2023

The H1 Board of Directors recently updated their Rules and Regulations for the 2023 Season. There are 4 separate documents each making up the collective 2023 Rules and Regulations

- H1 2023 Racing Rules
- H1 2023 Technical Manual
- H1 2023 General Rules
- H1 2023 Race Site and Promoter Requirements (Addressed in a Separate Memo)

The Rules and Regulations have been posted on the H1 Unlimited Website.

Should you have any questions regarding this document, or an applicable Rule please contact Rick Sandstrom, Jan Shaw, or Kelly Stocklin, who will source the needed answer from the Competition Committee, Race Officials, the H1 Board and/or H1 Legal Counsel.

Below is a summary of some of the changes – which should not be substituted for reading the applicable Rules document:

The “**Technical Manual**” has been updated for 2023. Very little has changed.

- **Competition Directive 2022-01** – defining the term “getting under way” – has been incorporated into the Technical Manual. (Definitions and Technical Rule C.6)
- **Competition Directive 2022-02** – regarding the required de-fueling measurement – has been incorporated into the Technical Manual. (Technical Rule C.8.d))
- **Skid Fin** concavity tolerance has been increased to **0.050 inches**. (Technical Rule B.6.c)(ii))
- A mistake was corrected regarding **Aft Hoop** impact properties. (Technical Rule B.8.i)(iii))
- An FAA Advisory Circular regarding standards for Steering Cable adjusters has been referenced and applicable pages included as **Appendix F**. (Technical Rule B.14.I))



- A procedure has been put into place for certifying non-destructive testing of “**back-up/spare parts**” in connection with the Annual Inspection. (Technical Rule B.14.m) and **Appendix G**)
- Alternate **bleed band activation** systems are allowed for all gas turbine engines. (Technical Rule C.2)
- The **Technical Rules and Annual Inspection Form** have been conformed:
 - **Lifting Slings** – each leg of the sling must now be rated at a minimum **6,000** Lbs. (Technical rule A.15.d))
 - **Canard** – spring-back function is now included. (Technical Rule B6e)(v))
 - **Magneto** – grounding requirement for Piston-powered boats has been included. (Technical Rule B.10.k)(vi))
 - **Mixture Control Switch** – position requirements have been included. (Technical Rule B.13.f))
 - **Rudder push-pull rod** requirements have been specified. (Technical Rule B.14.b)(viii)&(ix))
 - **Skid Fin** minimum thickness and tie rod pre-loading allowances are included. (Technical Rule B.14.c)(iv) and (v))
- The **Annual Inspection Form** (Appendix C) and **Annual Inspection Summary** (Appendix D) have been substantially updated and Technical Rule references have been included.
- Graphics have been included to assist Race Teams and Officials in determining the “**Waterline**” for calculating Skid Fin/Rudder tolerances, and are included as **Appendix E**.
- Definitions and References to other Sections of the Rules and Regulations have been updated throughout.

CREW CHIEFS AND INSPECTORS MUST REVIEW THE TECHNICAL MANUAL AND INSPECTION FORMS IN DETAIL.

The “**Racing Rules**” have been updated for 2023. Almost nothing has changed.

- **Competition Directive 2022-01** – defining the term “getting under way” - has been incorporated into the Racing Rules. (Definitions and Racing Rule A.5.(b))
- Definitions and References to other Sections of the Rules and Regulations have been updated throughout.

DRIVERS, PROs, AND TROs ARE STRONGLY ENCOURAGED TO REVIEW THE 2023 RACING RULES IN DETAIL.



The “**2023 H1 General Rules**” have been updated and amended for 2023. Very little has changed.

- The **Pre-On-Water Activity Meeting** has been eliminated and it is intended that whenever and wherever possible only one **Drivers’ Meeting** will be held. The initial meeting will be replaced with an email or text notice conveying the required information. (General Rules G and H)
- Failure to notify Race Officials of the **withdrawal** of a Boat from competition is included as an act of “**unbecoming conduct**”. (General Rule R.2.m)
- **Registration** and **Technical Fees** have been updated. (General Rule M)
- Definitions and References to other Sections of the Rules and Regulations have been updated throughout.

OWNERS / OWNER’S REPRESENTATIVES ARE STRONGLY ENCOURAGED TO REVIEW THE GENERAL RULES IN DETAIL.

DRIVERS ARE REQUIRED TO READ THE DRIVER QUALIFICATION AND CERTIFY THEIR QUALIFICATION (General Rule L)

EVERY PARTICIPANT (THAT’S EVERYONE INVOLVED) IS REQUIRED TO READ AND BE FAMILIAR WITH DISCIPLINE (General Rule R), CREDENTIALS (General Rule S) AND THE ALCOHOL AND CONTROLLED SUBSTANCE POLICY (General Rule T).