

# Texas Offshore Multihull Association PHRF Rating Certificate for the Year 2018

TOMA RATING CERTIFICATE: **0001** BOAT TYPE: **Corsair 24** SAIL NUMBER: **355** BOAT NAME: **Trial Run**

**Distance Race PHRF (sec/nm)** Base: 60 Penalties/Credits: -3 **Total: 57** ToT Factor: 1.07084 (Harvest Moon, Heald Bank, Bay Cup)  
**Windward-Leeward PHRF (sec/nm)** Base: 54 Penalties/Credits: -3 **Total: 51** ToT Factor: 1.08153 (Wurstfest, races w/o long reaching leg)

**OWNER** **BOAT** **EQUIPMENT** *Note: No PHRF calculated if "0" or blank shown*

Russ Shermer  
 3022 Luminosa Ln. E.  
 Round Rock TX 78681  
 Home #: 512-291-3876  
 Mobile #: 512-914-1538  
 Email: russ.shermer@gmail.com  
 Club or Association: Austin Yacht Club  
 USSA Member #: 776548X  
 Region: Lake Travis, TX

Boat Name: Trial Run  
 Type/Class: Corsair 24  
 Year Built: 2002  
 LOA (ft): 24.10  
 LWL (ft): 23.58  
 Overall Beam: 17.92  
 CL Beam (ft): 0.00  
 Max Draft (ft): 4.67  
 ISP (ft): 0.00  
 Displacement (lbs): 2,210  
 Internal Ballast (lbs): None

Engine Make: Honda  
 Engine HP: 5.0  
 Prop Install: Outboard  
 Prop Type: Solid 3-Blade  
 Rudder: Transom  
 Keel Type: Stock Daggerboard  
 Rotating Mast: Yes  
 Mast Mat'l: Alum  
 Rigging Mat'l: Dyneema  
 Sprit Type: Sprit  
 SPL, Mast-Tack, (ft): 12.17

**IDENTIFICATION**  
 Sail Number: 355  
 Hull #:   
 Former Boat Name: Cricket  
 Cat/Tri: Tri

**MAIN**  
 Year: 2015  
 Built By: Doyle  
 Luff (ft): 29.40  
 Foot (ft): 11.12  
 MGM (ft): 8.96  
 MGU (ft): 6.59  
 MGT (ft): 4.48  
 HB (ft): 4.00  
 Sail Area (ft2): 241

**JIB**  
 Year: 2016  
 Built By: Bartlett Sails  
 Luff (ft): 27.67  
 LP (ft): 8.72  
 MG (ft): 4.87  
 Sail Area (ft2): 121

**SCREACHER**  
 Year: 2017  
 Built By: Doyle  
 Luff (ft): 30.00  
 LP (ft): 17.00  
 MG (ft): 8.37  
 Sail Area (ft2): 255

**SPINNAKER (Largest)**  
 Year:   
 Built By:   
 Luff (ft): 30.50  
 Leach (ft): 28.75  
 Foot (ft): 25.00  
 MG (ft): 0.00  
 Sail Area (ft2): 700

**REMARKS:**  
 Original certificate issued **4/9/2018**. Last reported change to boat equipment or sails **4/19/2018**. Current certificate issued **4/21/2018** and valid until December 31, 2018.  
 Special notes: Dimensions as per stock Corsair 24 (F24 Mk II). Weight is factory-reported 2,150 lbs, plus est outboard weight. Synthetic shrouds Class legal. Main & screacher as per design dimensions by Doyle. Jib 138 ft2 actual SA as per Quantum. Only LP reported; luff is Class Rule limit. Main HB 4 ft vs 2.5 ft Class Rule. Jib slightly oversized vs 118 ft2 Class Rule, screacher 7% over 238 ft2 Class Rule. Spin from J-80 is 47% over 477 ft2 Class Rule. TOMA rating for class boat & sails is 69 sec/nm. TOMA PHRF for Distance and Windward-Leeward races shown above includes adjustment for over/undersized sails (up to ±25% limit) and -3 sec/nm for mainsail headboard. Comparison Sprint PHRF at 33 sec/nm has similar SA's but 360 lbs less weight.

**VALIDATION AND CERTIFICATION:**  
 Your signature added to this certificate completes its validation. By your signature, or acceptance of this certificate, you agree to race the specified boat under the regulations and rules of the TEXAS OFFSHORE MULTIHULL ASSOCIATION, and the regulations and rules found in the latest editions of the International Yacht Racing Rules published by US SAILING. Inspect this document carefully! You are obligated to report, in writing, within 10 days of issue date, any errors to the TOMA Handicapper. Furthermore you agree to immediately inform the TOMA Handicapper, in writing, of any future changes to your boat's interior, hull and rig and or other specifications as they appear in this document. You may not sail competitively until a new certificate is issued which reflects the change. Failure to report any change or error may result in the revocation of your certificate.

Russ Shermer

*Owner's Name*

*Signature of Owner*

*Date*

*Michael Botby*  
 TOMA Handicapper