



2006 Promotional Boat Guidelines AWSA Approved Tournament Towboats

I. Insurance Requirements

- Promotional Towboat Owners are required to supply a copy of their towboat insurance policy to the tournament organizers.
- The Certificate of Insurance must name USA Water Ski as an additional insured with liability limits of at least \$500,000. **See Item 1**

2. Damage

- A club or LOC (local organizing committee) is responsible for any damage to a towboat from the time it is delivered to the tournament site for use until it is returned to the promotional owner or his agent. In the event a towboat sustains damage at an event, a club (local organizing committee) is responsible for reimbursement to a promotional towboat owner of either his deductible or for the repair costs up to a maximum of \$500. Cleaning costs are not considered damage. Failure to pay damages when appropriate may result in loss of sanction for this tournament and future tournaments.
- At tournaments which the club (local organizing committee) does not select the drivers for their tournament (i.e. Team Trials, Regionals, Nationals) the financial responsibility for reimbursement of insurance deductible or repair costs shall be shared equally among the club (local organizing committee) and the organization responsible for selecting drivers for the event.
- The USA Water Ski Towboat Liability Insurance and Property Damage Report form is enclosed in tournament packets and should be completed for each promotional towboat at a USA Water Ski sanctioned events. **See Item 2**

3. Towboats Used In Practice

- Promotional towboats are not to be used other than to tow competitors at sanctioned tournaments and events. Arrangements between towboat owners and sponsors are accepted. While a tournament sponsor may offer paid ski practice, it is not a part of the USA Water Ski sanctioned tournament, and therefore the sponsor is responsible for supplying boats used in practice.
- The sponsor may make arrangements with a promotional boat owner to supply his boat for practice.

4. Towboat Use; Model Year

- AWSA Nationals, AWSA Regionals, and Record Capability (Class E,L,R) tournaments may use a current year or previous year USAWS Approved Towboat.
- Class C and lower tournaments may use current year or two years prior USAWS Approved Towboats.

5. Towboat Equipment/Speed Control

- Towboats used in AWSA sanctioned tournaments must be included in the Approved Tournament List. **See Item 3**
- Towboats must be provided with one of the approved engine/propeller combinations.
- Speed control should be the current approved software version
- Jump and/or slalom switch should be supplied with towboat
- Trick release is not a promo boat owner's responsibility. It is skier supplied equipment.
- At those tournaments requiring a back-up (judge's) speed control display, it is the responsibility of the promotional boat owner/towboat manufacturer to supply the back- up display.

- A locator pad for timer pick-ups should be located 12 inches in front of the pylon at the widest width possible on each side of the boat. The fore aft tolerance is plus or minus 6 inches. The fore/aft placement must be the same on both sides of the boat.

6. "High Horsepower 35 MPH Jump Specific Towboats" 6 Liter/plus engines)

- For AWSA Regional and National Championship tournaments each qualifying towboat manufacturer may provide one "high horsepower 35 mph jump specific towboat". The 35 mph jump events in those tournaments shall be divided among those manufacturers providing a "high horsepower 35 mph jump specific towboat". If no high horsepower boats are available the 35 mph jump events shall be included in the random draw by all manufacturers.



ATTENTION EVENT ORGANIZER Towboat Insurance Requirements

TO: USA Water Ski-Affiliated Clubs

RE: USA Water Ski Towboat Liability Insurance and Property Damage Report

Attached is a copy of the USA Water Ski Towboat Liability Insurance and Property Damage Report form related to the use of towboats in sanctioned events. As the holder of a sanction for a USA Water Ski event (tournament, clinic, club practice, etc.), you are responsible for the following.

1. Assuring that this form is completed for each towboat used in your event.
2. Damage to a towboat from the time it is delivered to the event site for use until it is returned to the promotional owner or his agent. In the event a towboat sustains damage at an event, a club (local organizing committee) is responsible for reimbursement to a promotional towboat owner of either his deductible or for repair costs up to a maximum of \$500.00. Cleaning costs are not considered damage. Failure to pay damages, when appropriate, may result in loss of sanction for this and future tournaments.
3. Retaining the Towboat Liability Insurance and Property Damage Reports in your files for a period of five (5) years from the date of the event.

All portions of this form must be completed. You should ask for (and may want to retain a copy for your information) a Certificate of Insurance naming USA Water Ski as an Additional Insured with liability limits of at least **\$500,000**. This form protects you as a sanctioned event host in two ways:

1. Provides greater depth of insurance to help assure USA Water Ski's continuing ability to secure \$1,000,000 liability insurance coverage for your club.
2. Provides: record of towboat inspection for damage;
 - a. acceptance by the club and boat owner of any prior damage; and
 - b. documentation of any damage that has occurred during the event in case of a later claim against your club.

It is extremely important that all portions of the USA Water Ski Towboat Liability Insurance and Property Damage Report form be completed and that the towboat owner sign the form indicating his knowledge of any property damage and the availability of personal liability insurance that names USA Water Ski as an Additional Insured.

A supply of these forms will be included in the kit sent with your sanction approval.

USA Water Ski-affiliated clubs should also insure club-owned towboats and name USA Water Ski as an additional insured.



TOWBOAT LIABILITY INSURANCE & PROPERTY DAMAGE REPORT

Sanction Number

WATER SKI Item 1

Tournament Name _____ Class _____ Region _____

Site/City/State _____ Tournament Date _____

TOWBOAT INSURANCE STATEMENT

Name of Boat Owner _____

Towboat Year _____ Towboat Make and Model _____

Hull I.D. Number _____

Insurance Company _____

Policy Number _____ Expiration Date _____

Liability Limit \$ _____ (\$500,000 minimum required)

Is USA Water Ski Listed as an Additional Insured? Yes No

"I hereby attest that the above listed towboat is insured for use in USA Water Ski-sanctioned events and approved practices with liability insurance coverage in the minimum amount of \$500,000 (Five Hundred Thousand Dollars), and that an "Additional Insured Certificate" has been issued naming USA Water Ski."

Boat Owner's Signature _____ Date _____

DAMAGE REPORT

Important — Damage: A club (local organizing committee) is responsible for any damage to a towboat from the time it is delivered to the event site for use until it is returned to the promotional owner or his agent. In the event a towboat sustains damage at an event, a club (local organizing committee) is responsible for reimbursement to a promotional towboat owner of either his deductible or for repair costs up to a maximum of \$500.00. Cleaning costs are not considered damage. Failure to pay damages, when appropriate, may result in loss of sanction for this and future tournaments.

CHECK-IN

Note any pre-existing damages on back of this sheet.

1. Hours _____
2. Fuel _____
3. Exterior Inspection: OK See Comments
4. Interior Inspection: OK See Comments
5. Trailer Inspection: OK See Comments
6. Check-in Date: _____
7. Check-in Time: _____
8. Judge's Display Present Absent
9. Trick Release Present Absent
10. Boat Cover In boat Absent

Boat Representative's Signature

Site Representative's Signature

CHECK-OUT

Note any pre-existing damages on back of this sheet.

1. Hours _____
2. Fuel _____
3. Exterior Inspection: OK See Comments
4. Interior Inspection: OK See Comments
5. Trailer Inspection: OK See Comments
6. Check-out Date: _____
7. Check-out Time: _____
8. Judge's Display Present Absent
9. Trick Release Present Absent
10. Boat Cover In boat Absent

Boat Representative's Signature

Site Representative's Signature

This form should be retained by the sanction holder for a period of five years.



USA Water Ski Approved Tournament Towboats 2005-2006



The following list identifies those towboats successfully meeting the 2005-2006 USA Water Ski Approved Tournament Towboat Evaluation criteria and guidelines. By meeting and /or exceeding the USA Water Ski criteria for water ski towboats, the following are now "**APPROVED**" to pull USA Water Ski sanctioned events. Boats are approved only as tested, and must be configured with engine, fuel delivery system, propeller, and transmission as shown below.

As Chief Driver, it is your responsibility to ensure that the Towboat Documentation Report is filled out completely, signed by yourself and the Chief Judge, and returned to headquarters promptly. Read the instructions carefully, noting the boat models as listed below. Also, please read the AWSA Towboat Use Policy information for model year requirements.

Boat		New/	Fuel	Propeller	Speed			
ID	Manufacturer	Model	Unmod.	Engine Mfr. & Model	Del.	Trans.	Mfr, Blades, Size	Control
1	Correct Craft	196 w/ or w/o Hydro-Gate	New	PCM Excalibur 5.7L PCM ZR6 6.0L	EFI EFI	1.23:1 1.23:1	AC, 4, 12.5 x 15.5 Nibral	PP 6.5ng
2	Correct Craft	206 w/ or w/o Hydro-Gate	New	PCM Excalibur 5.7L	EFI	1.23:1	AC, 4, 12.5 x 15.5 Nibral	PP 6.5ng
3	Correct Craft	SV211 **	Unmod	PCM ZR6 6.0L	EFI	1.46:1 (V-drive)	AC, 4, 13.25 x 16 Nibral	PP 6.5ng
4	Gekko	GTR 22	New	PCM ZR6 6.0L	EFI	1:1	OJ, 3, 13 x 12 Nibral	PP 6.5ng
5	Malibu	Response LXi	New	Indmar Monsoon 5.7L Indmar 383	EFI EFI	1:1 1:1	AC, 3, 13 x 12 Nibral AC, 3, 12.5 x 12.625 Nibral OJ, 3, 13 x 12 Nibral	PP 6.5ng
6	MasterCraft	ProStar 190	Unmod	Indmar MCX 5.7L	EFI	1.26:1	OJ, 4, 13.7 x 15 Nibral	PP 6.5ng
7	MasterCraft	ProStar 197	Unmod	Indmar MCX 5.7L Indmar LQ9 HO 6.0L	EFI EFI	1.26:1 1.56:1	OJ, 4, 13.7 x 15 Nibral OJ, 4, 13.7 x 17 Nibral	PP 6.5ng
8	Moomba	Outback	Unmod	Indmar Assault 5.7L	EFI	1.03:1	OJ, 3, 13 x 11.5 Nibral	PP 6.5ng
9	Supra	Comp 20	New	Indmar Assault 5.7L	EFI	1.03:1	AC, 3, 13 x 11 Nibral	PP 6.5ng
10	Tige	20i	New	Tige GM Vortec 5.7L	EFI	1:1	AC, 3, 13 x 12 Nibral	PP 6.5ng

EFI = Port Fuel Injection, TBI = Throttle Body Injection Prop, OJ = Johnson, AC = ACME, Speed Control, PP = PerfectPass (All Events)

** = Approved for class C tournaments only

Note: Boats approved with more than one engine and/or more than one propeller may use any approved combination in sanctioned tournaments.

Speed Control Parameter Adjustment Chart

Jump

Parameters	Who	When	PerfectPass
CREW WEIGHT	Driver/Judge	Before event	Weight in lbs
SPEED	Skier	Before event pass	Speed in Kph
JUMP LETTER	Driver/Judge - Initial setting based on speed, weight, rated distance and input from skier.	Before each jump	Select NEW JUMPER and input speed, skier weight and rated distance. Skier may adjust initial setting +/- 3 letters. Adjust as necessary.
SKIER WEIGHT	Driver/Judge	Before each skier No adjustment between jumps	Weight in lbs
JUMP DISTANCE	Driver/Judge - with skier input on initial letter setting	Before each skier Driver may adjust best jump or letter as necessary between jumps (notify skier of change) to obtain actual times	Distance in feet (system selects initial letter) - Skier may adjust initial setting +/- 3 letters Adjust letter as necessary
RPM ADJUST	Driver	As needed	Adjust for conditions in increments of 10 RPM
S2% AND S2FINE	Driver	Before each Skier based on type of second segment pull requested Numbers are a suggested starting point only and are boat dependent May have to start or make adjustments outside of suggested values Driver may adjust as necessary to obtain actual times in second segment	S2% (suggested starting point): -Fast second segment = Faster 40 to Faster 60 -Return to Baseline = Zero (Option 2) S2 FINE - Fine RPM adjust for second segment - normally only used when option 2 has been selected
CT	Driver	Before event May be adjusted as necessary to control speed during counter cut w/ head or tail wind	Recommended: Normal 190 Head Wind 210 Tail Wind 170 Cut 160
X8u	Skier	The Manufacturer's X8u setting may be adjusted up or down by up to 30% (rounded) of the manufacturer setting and adjustment zones as published. Any change from the manufacturers setting shall be communicated by the skier before the first jump. One additional adjustment made be made after the skiers 1st jump only.	X8u (UP) controls the rate of additional RPM added once the jump switch closes. The higher the number, the lower the rate rpm is added. With a higher number, it will take longer for the full additional rpm to be reached (softer at the start / stronger near the ramp).
X8d	Driver	Before Event	X8u (DOWN) controls the timing of the rpm drop in the second segment. The higher the number, the longer it will take for the boat to begin controlling speed.

Slalom

Parameters	Who	When	PerfectPass
OPERATING MODE	Driver/Judge	Before event	Tournament
CREW WEIGHT	Driver/Judge	Before event	Weight in lbs
SPEED	Skier	Before first pass	Speed in Kph
SKIER WEIGHT	Driver/Judge	Before each skier No adjustment between passes	Weight in lbs
KX	Skier - should be set to Normal unless skier asks for other setting	Before each skier and ONLY ONE additional adjustment between passes	KX NORMAL = default KX + & KX++ = Firmer KX - = Softer
PX	Skier - should be set to zero (switch off) unless skier asks for another setting	Before each skier No adjustment between passes	Px - 0 to 40 Zero eliminates the switch
RPM ADJUST	Driver	Adjust as necessary for conditions	Adjust for conditions in increments of 5 RPM
SSB	Driver	Adjust as necessary to balance speed between first and second segments of the course	Initial setting for each boat from chart - adjust as needed

Tricks

Parameters	Who	When	PerfectPass
Speed	Skier	Before each pass	Speed in Mph
Kd	Skier - should be set to normal unless skier asks for other setting	Before each skier	Normal = 16

Perfect Pass Settings for x8u and x8d - 2005 Boats

Boat Manufacture	X8U	X8D
<hr/>		
<i>CorrectCraft</i>		
5.7 liter (Excalibur)	50	50
6.0 liter	1600	100
<i>Malibu</i>		
5.6 liter (Monsoon)	140	100
Hammerhead	375	100
<i>Mastercraft</i>		
5.7 liter (MCX)	85	275
6.0 liter (LQ9)	650	300