

SEA-DOO®

Sport Boats



THIS SUPPLEMENT MUST BE USED
IN CONJUNCTION WITH
OPERATOR'S GUIDE (P/N 219 000 100)

OPERATOR'S GUIDE SUPPLEMENT

219 000 112

2000

CHALLENGER 2000

SAFETY WARNING

Disregarding any of the safety precautions and instructions contained in this *Operator's Guide*, the *Safety Handbook* and on *Product Warning Labels* could cause injury, including the possibility of death. The operator has the responsibility to inform passenger(s) of safety precautions.

This *Operator's Guide*, the *Safety Handbook* and *Videocassette* should remain with the craft at the time of resale.

BOMBARDIER
RECREATIONAL PRODUCTS



The following trademarks are property of Bombardier Inc. and/or its subsidiaries:

SEA-DOO®

BOMBARDIER-ROTAX®

Bombardier Lube®

BOMBARDIER-ROTAX Formula XP-S Synthetic Injection Oil

BOMBARDIER-ROTAX Injection Oil

Sea-Doo Synthetic Grease

Gelcote[†] is a trademark of Gelcote International

Knight's Spray-Nine[†] is a trademark of Korkay System Ltd

INTRODUCTION

This Supplement contains information specifically applicable to the Challenger 2000 and should always be used in conjunction with *2000 Sport Boat Operator's Guide* (P/N 219 000 100).

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LIST OF DISTRIBUTORS

NORTH AMERICA

USA (Except Puerto Rico)	BOMBARDIER MOTOR CORPORATION OF AMERICA 5000 STEWART WAUSAU, WI 54401 Phone: (715) 842-8886 http://www.bombardier.com
CANADA Alberta British Columbia Manitoba North West Territories Ontario Quebec Saskatchewan Yukon New-Brunswick Nova Scotia Prince Edward Island Nunavut	BOMBARDIER INC. RECREATIONAL PRODUCT 75, J.A. BOMBARDIER ST. SHERBROOKE, QC J1L 1W3 Phone: (450) 532-5000 http://www.bombardier.com
Newfoundland	CHARLES R. BELL P.O. BOX 1050 RIVERSIDE DRIVE CORNER BROOKE, NFLD A2H 6J3 Phone: (709) 634-3533 FAX: (709) 634-2444

If your SEA-DOO Sport Boat requires warranty service, you should take it to any authorized SEA-DOO Sport Boat dealer. Be sure to bring your warranty registration card or other valid proof of the original date of purchase. If a question or problem arises regarding warranty, first contact the service manager or owner of the SEA-DOO Sport Boat dealership.

To find the nearest authorized Sea-Doo Sport Boat dealer, dial: 1-800-882-2900.

NOTE: If outside Canada and USA, consult the local distributor.

BOMBARDIER LIMITED WARRANTY NORTH AMERICA: 2000 SEA-DOO® SPORT BOAT

1. WARRANTY COVERAGE PERIOD

In Canada, BOMBARDIER INC. ("Bombardier"), and in the USA, Bombardier on behalf of BOMBARDIER MOTOR CORPORATION OF AMERICA (BMCA), warrants FROM THE DATE OF DELIVERY TO THE FIRST CONSUMER that each 2000 SEA-DOO SPORT BOAT sold, as NEW and UNUSED and PREDELIVERED by an authorized North American SEA-DOO SPORT BOAT dealer, will be free from any defects in material and/or workmanship for a PERIOD of:

a) For private use:

TWELVE (12) CONSECUTIVE MONTHS, with the exception of the deck and hull fiberglass structure; and

SIXTY (60) CONSECUTIVE MONTHS for the deck and hull fiberglass structure.

b) For commercial use:

FOUR (4) CONSECUTIVE MONTHS, with the exception of the deck and hull fiberglass structure; and

TWELVE (12) CONSECUTIVE MONTHS for the deck and hull fiberglass structure.

All genuine Bombardier accessories, installed by an authorized SEA-DOO SPORT BOAT dealer at the time of delivery of the new and non-current new SEA-DOO SPORT BOAT, carry the same Warranty Coverage Period as for the SEA-DOO SPORT BOAT.

2. WHAT BOMBARDIER WILL DO

BOMBARDIER will repair or replace, at its option, all genuine BOMBARDIER part found defective in material and/or workmanship, under normal use, maintenance and service, with a genuine BOMBARDIER part without charge for parts and labor, at any authorized SEA-DOO SPORT BOAT dealer during the Warranty Coverage Period.

3. CONDITION TO HAVE WARRANTY WORK VALIDATED

The customer must notify an authorized SEA-DOO SPORT BOAT dealer within two (2) days of the appearance of the defect in material and/or workmanship and present to the servicing authorized SEA-DOO SPORT BOAT dealer the SEA-DOO Warranty Registration Card or a proof of purchase of the NEW and UNUSED 2000 SEA-DOO SPORT BOAT and must sign the repair/work order prior to the start of the repair in order to validate a warranty repair. All parts replaced under this limited warranty become the property of BOMBARDIER.

4. EXCLUSIONS - ARE NOT WARRANTED

- The engine and corresponding components which are warranted by Mercury Marine. Refer to *Mercury Marine (M²) Jet Drive Operator's Guide*.
- Normal wear and tear items;
- Labor, parts and lubricant costs of all maintenance services.
- Damages caused by failure to provide proper maintenance and/or storage, as described in the *"2000 SEA-DOO SPORT BOAT Operator's Guide"*;
- Damages resulting from improper repairs, modifications or use of non-approved parts or, repairs not performed by a authorized SEA-DOO SPORT BOAT dealer;
- Damages resulting from abuse, misuse, neglect, racing;
- Damages resulting from accident, fire, theft, vandalism or any act of God;
- Incidental or consequential damages, or damages of any kind such as but not limited to towing charges, telephone calls or taxi;

- Water damages caused by water ingestion;
- Damages related to gel coat finish including but not limited to cosmetic gel coat finish, blisters or fiberglass delamination caused by blisters, crazing, spider or hairline cracks; and
- Damages resulting from improper service or maintenance.

5. LIMITATIONS OF LIABILITY

This warranty gives you specific rights, and you may also have other legal rights which may vary from state to state, or province to province. **WHERE APPLICABLE, THIS WARRANTY IS EXPRESSLY GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.**

Neither the distributor, any authorized SEA-DOO SPORT BOAT dealer nor any other person has been authorized to make any affirmation, representation or warranty other than those contained in this warranty, and if made, such affirmation, representation or warranty shall not be enforceable against BOMBARDIER or any other person.

In no event shall BOMBARDIER be liable for special, consequential or incidental damages, including but not limited to loss of use and transportation costs. Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitation or exclusion may not apply.

BOMBARDIER reserves the right to modify this warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the SEA-DOO SPORT BOAT sold while this warranty is in effect.

6. TRANSFER

If the customer sells the SEA-DOO SPORT BOAT guaranteed under the present, he shall assign and transfer this warranty, which shall be valid for the rest of the relevant PERIOD as defined in section 1 hereinabove, to the new customer.

7. CONSUMER ASSISTANCE

- In the event of a controversy or a dispute arising in connection with this BOMBARDIER LIMITED WARRANTY, BOMBARDIER suggests that you try to resolve the issue at the dealership level. We recommend discussing the issue with the authorized dealer's service manager or owner.
- If further assistance is required, Bombardier's service department should be contacted in order to resolve the matter in Canada and the USA.
- If the issue has still not been resolved, please submit in writing your complaint to:

In Canada and USA:

BOMBARDIER INC.
RECREATIONAL PRODUCTS
 CUSTOMER ASSISTANCE CENTER
 75, J.-A. Bombardier Street
 Sherbrooke, QC
 J1L 1W3
 Canada
 Tel.: (450) 532-5000



BOMBARDIER
RECREATIONAL PRODUCTS

SEPTEMBER 1999

® Trademark of Bombardier Inc. and/or its subsidiaries.

BOMBARDIER INTERNATIONAL LIMITED WARRANTY: 2000 SEA-DOO® SPORT BOAT

1. WARRANTY COVERAGE PERIOD

BOMBARDIER INC. ("Bombardier"), as manufacturer, warrants FROM THE DATE OF DELIVERY TO THE FIRST CONSUMER that each 2000 SEA-DOO SPORT BOAT sold anywhere in the world except the United States and Canada, as NEW and UNUSED and PREDELIVERED by an authorized SEA-DOO SPORT BOAT dealer, duly appointed by an authorized SEA-DOO International Distributor, will be free from any defects in material and/or workmanship for a PERIOD of:

a) For private use:

TWELVE (12) CONSECUTIVE MONTHS, with the exception of the deck and hull fiberglass structure; and

SIXTY (60) CONSECUTIVE MONTHS for the deck and hull fiberglass structure.

b) For commercial use:

FOUR (4) CONSECUTIVE MONTHS, with the exception of the deck and hull fiberglass structure; and

TWELVE (12) CONSECUTIVE MONTHS for the deck and hull fiberglass structure.

All genuine Bombardier accessories, installed by an authorized SEA-DOO SPORT BOAT dealer at the time of delivery of the new and non-current new SEA-DOO SPORT BOAT, carry the same Warranty Coverage Period as for the SEA-DOO SPORT BOAT.

2. WHAT BOMBARDIER WILL DO

BOMBARDIER through the local authorized SEA-DOO International Distributor will, during the Warranty Coverage Period, repair or replace, at its option, all genuine BOMBARDIER part found defective in material and/or workmanship, under normal use, maintenance and service, with a genuine BOMBARDIER part without charge for parts and labor, at any local authorized SEA-DOO SPORT BOAT dealer.

3. CONDITION TO HAVE WARRANTY WORK VALIDATED

The customer must notify a local authorized SEA-DOO SPORT BOAT dealer within two (2) days of the appearance of the defect in material and/or workmanship and present to the servicing authorized SEA-DOO SPORT BOAT dealer the SEA-DOO Warranty Registration Card or a proof of purchase of the NEW and UNUSED 2000 SEA-DOO SPORT BOAT and must sign the repair/work order prior to the start of the repair in order to validate a warranty repair. All parts replaced under this limited warranty become the property of the international SEA-DOO distributor of the specific territory and/or BOMBARDIER.

4. EXCLUSIONS - ARE NOT WARRANTED

- The engine and corresponding components which are warranted by Mercury Marine. Refer to *Mercury Marine (M²) Jet Drive Operator's Guide*.
- Normal wear and tear items;
- Labor, parts and lubricant costs of all maintenance services;
- Damages caused by failure to provide proper maintenance and/or storage, as described in the "2000 SEA-DOO SPORT BOAT Operator's Guide";
- Damages resulting from improper repairs, modifications or use of non-approved parts or, repairs not performed by a authorized SEA-DOO SPORT BOAT dealer;
- Damages resulting from abuse, misuse, neglect, racing;
- Damages resulting from accident, fire, theft, vandalism or any act of God;
- Incidental or consequential damages, or damages of any kind such as but not limited to towing charges, telephone calls or taxi;
- Water damages caused by water ingestion;
- Damages related to gel coat finish including but not limited to cosmetic gel coat finish, blisters or fiberglass delamination caused by blisters, crazing, spider or hairline cracks; and
- Damages resulting from improper service or maintenance.

5. LIMITATIONS OF LIABILITY

This warranty gives you specific rights, and you may also have other legal rights resulting from the application of mandatory national laws which may vary from country to country. **WHERE APPLICABLE, THIS WARRANTY IS EXPRESSLY GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.**

In no event shall BOMBARDIER be liable for special, consequential or incidental damages, including but not limited to loss of use and transportation costs. Some countries do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitation or exclusion may not apply.

Neither the distributor, any authorized SEA-DOO SPORT BOAT dealer nor any other person has been authorized to make any affirmation, representation or warranty other than those contained in this warranty, and if made, such affirmation, representation or warranty shall not be enforceable against BOMBARDIER or any other person.

Every SEA-DOO SPORT BOAT is sold with the English version of this warranty. Some authorized SEA-DOO International Distributor may elect to translate this warranty into local language, it is then understood and agreed that in the event of any discrepancies or inconsistencies between the two versions, the English version shall prevail.

It is the customer's responsibility to ensure that the SEA-DOO SPORT BOAT complies with all boating regulations and standards of any country, other than the original country of sale, where the SEA-DOO SPORT BOAT is intended to be used.

BOMBARDIER reserves the right to modify this warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the SEA-DOO SPORT BOAT sold while this warranty is in effect.

6. TRANSFER

If the customer sells the SEA-DOO SPORT BOAT guaranteed under the present, he shall assign and transfer this warranty, which shall be valid for the rest of the relevant PERIOD as defined in section 1 hereinabove, to the new customer.

7. CONSUMER ASSISTANCE

- a) In the event of a controversy or a dispute arising in connection with this BOMBARDIER INTERNATIONAL LIMITED WARRANTY, BOMBARDIER suggests that you try to resolve the issue at the dealership level. We recommend discussing the issue with the authorized dealer's service manager or owner.
- b) If further assistance is required, the authorized local SEA-DOO INTERNATIONAL DISTRIBUTOR's Service Department should be contacted in order to resolve the matter.
- c) If the issue has still not been resolved, please submit in writing your complaint to:

BOMBARDIER INC.
RECREATIONAL PRODUCTS
CUSTOMER ASSISTANCE CENTER
75, J.-A. Bombardier Street
Sherbrooke, QC
J1L 1W3
Canada
Tel.: (450) 532-5000



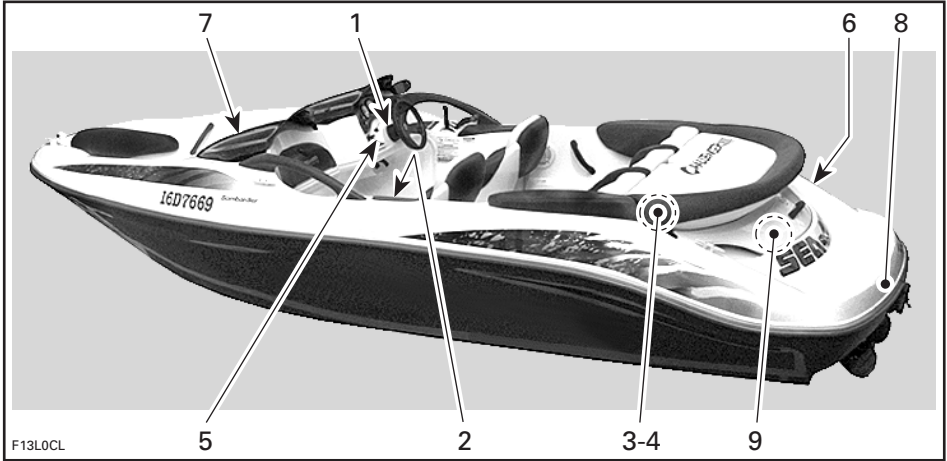
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SEPTEMBER 1999

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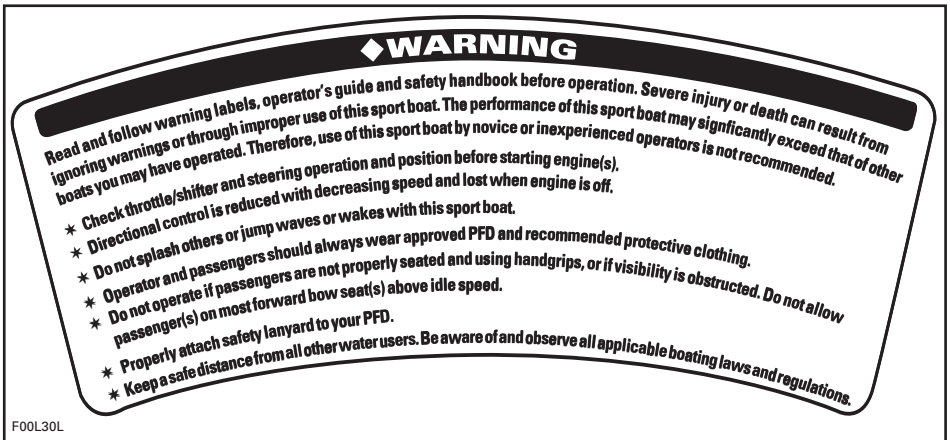
LOCATION OF THE IMPORTANT LABELS

Please read the following labels carefully before operating this craft.



TYPICAL

Label 1



Label 2

MADE IN U.S.A., BOMBARDIER CORPORATION OF AMERICA
U.S. COAST GUARD
MAXIMUM CAPACITIES
8 PERSONS OR 653 KG/1440 LBS.
653 KG/1440 LBS. PERSONS, GEAR

THIS BOAT COMPLIES WITH U.S. AND CANADIAN COAST GUARD SAFETY STANDARDS IN EFFECT ON THE DATE OF CERTIFICATION

CC BOAT DESIGN CATEGORY: **C**

F13L0DY

Label 3

**MAXIMUM ENGINE POWER
CAPACITY RATING
OF THE CRAFT:**
165 KW

F13L0EY

Label 4

◆ WARNING

Do not boost battery.
Servicing of electrical components should be done by dealer only.

F04LA6Y

Label 5

◆ WARNING

Gasoline vapors can explode. Before starting engine, operate blower for **5** minutes and check engine compartment bilge for gasoline vapors.

F04L8NO

Label 6

◆ WARNING

While fueling, stop engine(s). Fuel tank may be pressurized. Slowly turn cap when opening. Keep watercraft level. Do not overfill. Use regular unleaded gasoline. Check oil level. Periodically, verify fuel system.

F04LA7Y

Label 7

◆ WARNING

Do not sit here above idle speed.

F04LA8Y

Label 8

◆ WARNING

Engine(s) must be off when using platform.
Keep away from jet(s) or intake grate(s).

F04LA9Y

Label 9

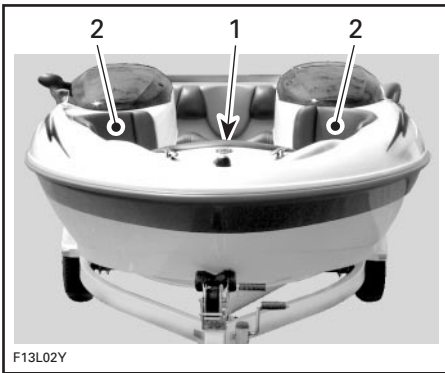
OIL RECOMMENDATION
IMPORTANT!
DO NOT USE ROTAX INJECTION OIL
USE MERCURY PRECISION PREMIUM PLUS OR QUICKSILVER PREMIUM PLUS 2-CYCLE OIL (NMMA TC-W3 CERTIFIED)
THESE OILS CONTAIN ADDITIONAL UNIQUE ADDITIVES SPECIFICALLY DESIGNED FOR USE WITH THE M² JET DRIVE TO INCREASE ENGINE DURABILITY AND SUBSTANTIALLY REDUCE CARBON BUILDUP.
(Refer to M² Jet Drive Operator's Manual for further information)

F00L2IY

CONTROLS AND COMPONENTS LOCATION



SIDE VIEW



FRONT VIEW

1. Bow seat
2. Bow side seat

1) Bow Seat



BOW SEAT

Located at front of craft, it is provided as a sun seat.

WARNING

No passenger should use this seat except when the craft is stopped or under idle speed.

Use grab handles when sitting.

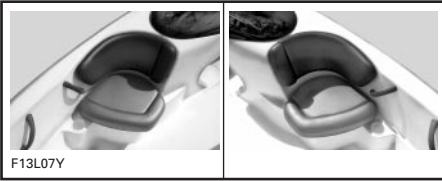
Underseat Storage Compartment

Pull seat upward to detach it from deck. Ensure seat is properly snapped in place when reinstalling.



SEAT REMOVED TO SHOW STORAGE COMPARTMENT

2) Bow Side Seats



BOW SIDE SEATS

⚠ WARNING

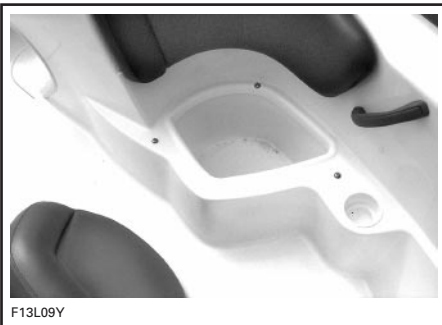
Allow no one to sit on edge of craft or stand up while in operation. Seat/grab handles should be used at all times when seated there.

Underseat Storage Compartment

Pull seat upward to detach it from deck. Ensure seat is properly snapped in place when reinstalling.



PULL SEAT UPWARD



UNDERSEAT STORAGE COMPARTMENT

Side Storage Compartment



PULL BACKREST



OPEN BACKREST TO GAIN ACCESS TO STORAGE COMPARTMENT

SPECIFICATIONS

ENGINE		CHALLENGER 2000
Number of engines		1
Engine type		V-6 Mercury Marine engine, 2 stroke
Induction type		Reed valve
Exhaust system		Mercury Marine type
Lubrication	Type	See Mercury Marine specifications
	Oil type	See Mercury Marine specifications
Number of cylinders		6
Displacement		2500 cm ³ (152.53 in ³)
COOLING		
Type		Water cooled
ELECTRICAL		
Ignition system type		Digital-CDI (Capacitor Discharge Ignition)
Spark plug	Make and type	See Mercury Marine specifications
	Gap	See Mercury Marine specifications
Starting system		Electric starter
Battery		Not supplied ①
Fuses	Courtesy lights	1 A (2)
	Bilge air blower	7.5 A
	Bilge pump	7.5 A
	Navigation lights	3 A
	Gauges/Low fuel	3 A
	Radio	5 A
	Horn system	5 A
Jack system	10 A	
CARBURETION		
Fuel type		See Mercury Marine specifications
Fuel system type		See Mercury Marine specifications

PROPULSION	CHALLENGER 2000
Propulsion system	Mercury Marine Sport Jet
Number of jet pumps	1
Jet pump type	Mixed flow, single stage
Pivoting angle of direction (nozzle)	~ 26°
Minimum required water level for jet pump	See Mercury Marine specifications
DIMENSIONS	
Overall length	6 m (19 ft 9 in)
Beam	2.44 m (8 ft)
Draft	26.7 cm (10-1/2 in)
Dead rise	19.5°
Weight (dry)	953 kg (2100 lb)
Load limit (passengers + luggage)	8 passengers
	655 kg (1440 lb) (based on calm water operation)
Hull material	Composite (fiberglass)
CAPACITIES	
Fuel tank (reserve included)	151 L (40 U.S. gal)
Main oil reservoir	11 L (3 U.S. gal)

① Recommended: See Mercury Marine recommendations.

Battery posts: On top. Round taper type.

Battery maximum allowed size: 267 mm (10-1/2 in) long x 172 mm (6-3/4 in) wide x 238 mm (9-3/8 in) high.

BOMBARDIER reserves the right to make changes in design and specifications and/or to make additions to, or improvements in its products without imposing any obligation upon itself to install them on its products previously manufactured.



DECLARATION **CE** OF CONFORMITY

Application of Council Directives: 94/25/CE — Recreational craft
89/336/CEE — Electromagnetic compatibility

Standards to which conformity is declared: ISO 7840, ISO 8469, ISO 8665, ISO 8846,
ISO 8848, ISO 8849, ISO 9094, ISO 9097,
ISO 10087, ISO 10088, ISO 10133, ISO 10240,
ISO 11105, ISO 11591, ISO 11592, ISO 12215,
ISO 12216, ISO 13592, COLREGS, ABYC H-5,
ABYC H-8

Manufacturer's name: Bombardier Motor Corporation of America.

Manufacturer's address: 451 E. Illinois Ave
Benton, Illinois
62812-0394

Importer's name: Société ANF — Industrie S.A.

Importer's address: 2, rue du Nouveau Bercy
94220 Charenton
Paris, France

Notified body for Directive 94/25/CE: International Marine Certification Institute
Trèves centre, rue de Trèves 45
1040 Brussels, Belgium

Competent body for Directive 89/336/CEE: UTAC
Autodrome de Linas-Montlhéry, B.P. 212
91311 Montlhéry cedex, France

Type of equipment: Sport boats, inshore category C

Model names and numbers: Challenger 2000 (5694/5695)

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directives and Standards.

Name of signatory: Ghislain Guiot

Title of signatory on behalf of
Bombardier Motor Corporation of America: Zone Manager — Sea-Doo sport boats

Homologation and Certification

These boats comply with the following standards:

STANDARD	TYPE OF CERTIFICATION
United States Coast Guard	Self certification
Canadian Coast Guard	Self certification
Russian Maritime Register of Shipping	Certify by Russian Maritime Register of Shipping 8, Dvortsovaya Nab., 191186 St. Petersburg, Russia
Directive 89/336/CEE of the council relating to electromagnetic compatibility	Internal production control plus control carried out on the responsibility of a competent body. Competent body: UTAC Autodrome de Linas-Montlhéry, B.P. 212 91311 Montlhéry cedex, France
Directive 94/25/EC of the European Parliament and of the council relating to recreational craft	Internal production control plus control carried out on the responsibility of a notified body. Notified body: International Marine Certification Institute Trèves centre, rue de Trèves 45 1040 Brussels, Belgium

Operator's Guide Confirmation of Receipt

Your dealer

Name:	_____

Address:	_____

Is the representative of our company and will afford you the necessary help to resolve any problems you may have.

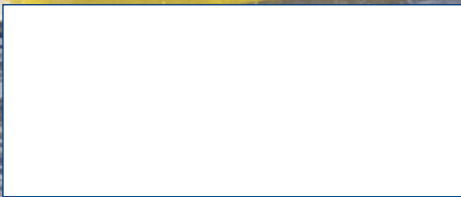
As soon as you are the owner, date and sign the receipt here and give it (or send it) to the dealer to be covered by our warranty.

Warranty condition as detailed in the Warranty Section of this Guide.

----- Cut here

Receipt	
Name:	_____
Address:	_____
Owner of _____	No. _____
HIN (to be completed by customer or selling dealer) _____	
This warranty begins _____ (date).	
The dealer named on this document has instructed me on the operation, maintenance, safety features and warranty policy, all of which I understand. I am also satisfied with the predelivery set-up and inspection of my sport boat. I have also received a copy of the <i>Operator's Guide</i> for my sport boat.	
Signature: _____	

SEAN



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BOMBARDIER
RECREATIONAL PRODUCTS



VERSION FRANÇAISE ÉGALEMENT DISPONIBLE