



AUTHORIZED DEALER NAME and ADDRESS:		USER/OWNER NAME and ADDRESS:	
NAME of QUALIFIED TECHNICIAN:		MOTORIZED UNIT MODEL and SERIAL NUMBER:	DATE of INSPECTION:



Each Hydro Mobile motorized unit and its accessories must be submitted to an annual inspection. Use the spaces below to monitor inspections that need to be performed every year. Use the Notes and Comments form to indicate any discrepancy or any item found to be not acceptable. Any discrepancy must be reported and appropriate corrective action must be taken immediately. Corrective actions must be performed by a qualified technician. "Qualified" means a person who, by possession of a recognized degree, certificate or professional standing, or who by extensive knowledge, training and experience, has successfully demonstrated the ability to solve or resolve problems relating to the subject matter, the work or the project. Only a qualified person on the specific make and model of the Hydro Mobile equipment is allowed to perform maintenance inspections and repairs on Hydro Mobile units according to the guidelines, instructions, warnings and methods set out in the owner's manuals and Hydro Mobile training courses.

It is recommended to use replacement parts manufactured by or recommended by Hydro Mobile. The use of substitution parts could not only void the warranty covering this motorized unit and its components but cause serious damages that could lead to injury or death. It is recommended to replenish and grease components only with fluids and lubricants recommended by Hydro Mobile.

Annual inspections must be performed by a technician qualified (see above).

USE CHECK MARK FOR EACH ENTRY VERIFIED. IF NECESSARY, TAKE CORRECTIVE ACTION BEFORE INSERTING CHECK MARK.		OK	CORRECTED	N/A
ACCESS and SAFETY		SERIAL NUMBER (if applicable):		
1	A legible copy of the Owner's manual is present in the toolbox.			
BASE		SERIAL NUMBER (if applicable):		
2	Inspect bottom and bottom final limit sensor trigger (LEFT) (F300 model only).			
3	Inspect bottom and bottom final limit sensor trigger (RIGHT).			
4	Inspect jack gears and mechanism (4x or 8x, as applicable). Grease jack mechanism, if necessary.			
5	Inspect pedestal extension structure for any welding defects, damaged parts and excessive rust or corrosion (RIGHT).			
6	Inspect pedestal extension structure for any welding defects, damaged parts and excessive rust or corrosion (LEFT).			
7	Inspect pedestal structure for any welding defects, damaged parts and excessive rust or corrosion.			
8	Inspect rubber buffers on the base. Replace if damaged.			
MAIN FRAME STANDARD - LEFT (F100-F200)		SERIAL NUMBER (if applicable):		
9	Inspect integrity of main frame access door and locking mechanism.			
10	Inspect main frame structure for any welding defects, damaged parts and excessive rust or corrosion.			
MAIN FRAME HYDRAULIC - LEFT (F300)		SERIAL NUMBER (if applicable):		
11	Adjust engine RPM at full throttle and idle speed as per technical procedure.			
12	Check all hydraulic hoses and fittings for any leaks or signs of wear.			
13	Clean battery connections and perform battery load test as per technical procedure.			
14	Inspect electrical wiring and connection to all sensors and connectors.			
15	Inspect integrity of main frame access door and locking mechanism.			
16	Inspect main frame structure for any welding defects, damaged parts and excessive rust or corrosion.			
17	Inspect operation of choke solenoid and return.			
18	Inspect throttle cable and check adjustment.			
19	Perform charging system test on Honda engine as per technical procedure.			
20	Replace the hydraulic pressure filter (2x).			
21	Replace the hydraulic return filter.			
22	Test operation of oil cooler fan as per technical procedure.			
MAIN FRAME HYDRAULIC - RIGHT		SERIAL NUMBER (if applicable):		
23	Adjust engine RPM at full throttle and idle speed as per technical procedure.			
24	Check all hydraulic hoses and fittings for any leaks or signs of wear.			



NAME of QUALIFIED TECHNICIAN:	MOTORIZED UNIT MODEL and SERIAL NUMBER:	DATE of INSPECTION:

USE CHECK MARK FOR EACH ENTRY VERIFIED. IF NECESSARY, TAKE CORRECTIVE ACTION BEFORE INSERTING CHECK MARK.

	OK	CORRECTED	N/A
MAIN FRAME HYDRAULIC - RIGHT	SERIAL NUMBER (if applicable):		
25 Clean battery connections and perform battery load test as per technical procedure.			
26 Inspect electrical wiring and connection to all sensors and connectors.			
27 Inspect integrity of main frame access door and locking mechanism.			
28 Inspect main frame structure for any welding defects, damaged parts and excessive rust or corrosion.			
29 Inspect operation of choke solenoid and return.			
30 Inspect throttle cable and check adjustment.			
31 Perform charging system test on Honda engine as per technical procedure.			
32 Replace the hydraulic pressure filter (2x).			
33 Replace the hydraulic return filter.			
34 Test operation of oil cooler fan as per technical procedure.			
GAS ENGINE / MOTOR - LEFT (F300)	SERIAL NUMBER (if applicable):		
35 Perform recommended maintenance on Honda engine as per instructions in Honda owner's manual.			
GAS ENGINE / MOTOR - RIGHT	SERIAL NUMBER (if applicable):		
36 Perform recommended maintenance on Honda engine as per instructions in Honda owner's manual.			
POWER TRAIN - LEFT (F200 - F300)	SERIAL NUMBER (if applicable):		
37 Check all gears for alignment and excessive wear as per technical procedure.			
38 Check all hydraulic hoses and fittings for any leaks or signs of wear.			
39 Check bearings, shafts and retaining rings.			
40 Check for signs of tampering of safety seal on overspeed safety device case and on drum. Note seal numbers:			
41 Check idlers and bearings.			
42 Check planetary reducer brake oil level as per technical procedure. Replenish, if necessary, with oil recommended by Hydro Mobile. If over 1000 h since last oil change, replace oil with oil recommended by Hydro Mobile.			
43 Check planetary reducer for any leaks and damages.			
44 Check planetary reducer oil level as per technical procedure. Replenish, if necessary, with oil recommended by Hydro Mobile. If over 1000 h since last oil change, replace oil with oil recommended by Hydro Mobile.			
45 Check safety bolt adjustment as per technical procedure.			
46 Clean open gear grease from gears.			
47 Clean open gear grease from overspeed safety device.			
48 Grease the higher pivot of the shock absorber using Prolab GS1000.			
49 Grease the lower pivot of the shock absorber using Prolab GS1000.			
50 Grease the pivot point on the rearm lever of the overspeed safety device using Prolab GS1000.			
51 Grease the trigger pivot of the overspeed safety device using Prolab GS1000.			
52 Inspect all rollers for alignment and excessive wear.			
53 Inspect overspeed safety device for any damaged part.			
54 Inspect power train structure for any welding defects, damaged parts and excessive rust or corrosion.			
POWER TRAIN - RIGHT	SERIAL NUMBER (if applicable):		
55 Check all gears for alignment and excessive wear as per technical procedure.			
56 Check all hydraulic hoses and fittings for any leaks or signs of wear.			



NAME of QUALIFIED TECHNICIAN:	MOTORIZED UNIT MODEL and SERIAL NUMBER:	DATE of INSPECTION:

USE CHECK MARK FOR EACH ENTRY VERIFIED. IF NECESSARY, TAKE CORRECTIVE ACTION BEFORE INSERTING CHECK MARK.

	OK	CORRECTED	N/A
POWER TRAIN - RIGHT	SERIAL NUMBER (if applicable):		
57 Check bearings, shafts and retaining rings.			
58 Check for signs of tampering of safety seal on overspeed safety device case and on drum. Note seal numbers:			
59 Check idlers and bearings.			
60 Check planetary reducer brake oil level as per technical procedure. Replenish, if necessary, with oil recommended by Hydro Mobile. If over 1000 h since last oil change, replace oil with oil recommended by Hydro Mobile.			
61 Check planetary reducer for any leaks and damages.			
62 Check planetary reducer oil level as per technical procedure. Replenish, if necessary, with oil recommended by Hydro Mobile. If over 1000 h since last oil change, replace oil with oil recommended by Hydro Mobile.			
63 Check safety bolt adjustment as per technical procedure.			
64 Clean open gear grease from gears.			
65 Clean open gear grease from overspeed safety device.			
66 Grease the higher pivot of the shock absorber using Prolab GS1000.			
67 Grease the lower pivot of the shock absorber using Prolab GS1000.			
68 Grease the pivot point on the rearm lever of the overspeed safety device using Prolab GS1000.			
69 Grease the trigger pivot of the overspeed safety device using Prolab GS1000.			
70 Inspect all rollers for alignment and excessive wear.			
71 Inspect overspeed safety device for any damaged part.			
72 Inspect power train structure for any welding defects, damaged parts and excessive rust or corrosion.			
MAIN TROLLEY STANDARD (F100 - F200 ONLY)	SERIAL NUMBER (if applicable):		
73 Check bearings, shafts and retaining rings.			
74 Check hardware and connection points to main frame.			
75 Check skate rollers and make sure they pivot on the shaft.			
76 Inspect all rollers for alignment and excessive wear.			
77 Inspect main trolley structure for any welding defects, damaged parts and excessive rust or corrosion.			
MAIN TROLLEY HYDRAULIC - LEFT (F300)	SERIAL NUMBER (if applicable):		
78 Check all hydraulic hoses and fittings for any leaks or signs of wear.			
79 Check bearings, shafts and retaining rings.			
80 Check electrical connection to the control panel.			
81 Check hardware and connection points to main frame.			
82 Check hydraulic oil level. Replenish, if necessary, with hydraulic oil recommended by Hydro Mobile.			
83 Check power box connection and cable.			
84 Check skate rollers and make sure they pivot on the shaft.			
85 Inspect all rollers for alignment and excessive wear.			
86 Inspect electrical wiring and connection to all sensors and connectors.			
87 Inspect main trolley structure for any welding defects, damaged parts and excessive rust or corrosion.			
88 Test condition of hydraulic oil and replace, if necessary, with hydraulic oil recommended by Hydro Mobile. Replenish with recommended hydraulic oil if level is not appropriate. Replace hydraulic oil at least every two years with hydraulic oil recommended by Hydro Mobile.			
89 Test setting of hydraulic pressure relief valve at 1st speed as per technical procedure.			



NAME of QUALIFIED TECHNICIAN:	MOTORIZED UNIT MODEL and SERIAL NUMBER:	DATE of INSPECTION:

USE CHECK MARK FOR EACH ENTRY VERIFIED. IF NECESSARY, TAKE CORRECTIVE ACTION BEFORE INSERTING CHECK MARK.

	OK	CORRECTED	N/A
MAIN TROLLEY HYDRAULIC - LEFT (F300)	SERIAL NUMBER (if applicable):		
90 Test setting of hydraulic pressure relief valve at 2nd speed as per technical procedure.			
91 Verify overspeed safety device to make sure drop test valve is closed and padlock is in position.			
MAIN TROLLEY HYDRAULIC - RIGHT	SERIAL NUMBER (if applicable):		
92 Check all hydraulic hoses and fittings for any leaks or signs of wear.			
93 Check bearings, shafts and retaining rings.			
94 Check electrical connection to the control panel.			
95 Check hardware and connection points to main frame.			
96 Check hydraulic oil level. Replenish, if necessary, with hydraulic oil recommended by Hydro Mobile.			
97 Check power box connection and cable.			
98 Check skate rollers and make sure they pivot on the shaft.			
99 Inspect all rollers for alignment and excessive wear.			
100 Inspect electrical wiring and connection to all sensors and connectors.			
101 Inspect main trolley structure for any welding defects, damaged parts and excessive rust or corrosion.			
102 Test condition of hydraulic oil and replace, if necessary, with hydraulic oil recommended by Hydro Mobile. Replenish with recommended hydraulic oil if level is not appropriate. Replace hydraulic oil at least every two years with hydraulic oil recommended by Hydro Mobile.			
103 Test setting of hydraulic pressure relief valve at 1st speed as per technical procedure.			
104 Test setting of hydraulic pressure relief valve at 2nd speed as per technical procedure.			
105 Verify overspeed safety device to make sure drop test valve is closed and padlock is in position.			
CONTROL PANEL - LEFT (F300)	SERIAL NUMBER (if applicable):		
106 Check control panel switches and warning lights or display screen.			
107 Check electrical connections inside the control panel.			
108 Inspect electrical cord and connection port.			
CONTROL PANEL - RIGHT	SERIAL NUMBER (if applicable):		
109 Check control panel switches and warning lights or display screen.			
110 Check electrical connections inside the control panel.			
111 Inspect electrical cord and connection port.			
TROLLEY LINK	SERIAL NUMBER (if applicable):		
112 Check all hydraulic hoses and fittings (F200 and F300 models only) for any leaks and signs of wear.			
113 Ensure that trolley link fastening pins are in place and secured (4x).			
114 Inspect trolley link structure for any welding defects, damaged parts and excessive rust or corrosion.			
LINK BRIDGE - LEFT	SERIAL NUMBER (if applicable):		
115 Check all guardrails, guardrail attachment brackets and doors for any welding defects, damaged parts and excessive rust or corrosion.			
116 Inspect link bridge decking integrity.			
117 Inspect link bridge structure for any welding defects, damaged parts and excessive rust or corrosion.			
118 On unit with rectangular link bridges, inspect 27" (69 cm) guardrails (2x) for any welding defects, damaged parts or excessive rust or corrosion.			
LINK BRIDGE - RIGHT	SERIAL NUMBER (if applicable):		
119 Check all guardrails, guardrail attachment brackets and doors for any welding defects, damaged parts and excessive rust or corrosion.			



NAME of QUALIFIED TECHNICIAN:	MOTORIZED UNIT MODEL and SERIAL NUMBER:	DATE of INSPECTION:

USE CHECK MARK FOR EACH ENTRY VERIFIED. IF NECESSARY, TAKE CORRECTIVE ACTION BEFORE INSERTING CHECK MARK.

	OK	CORRECTED	N/A
LINK BRIDGE - RIGHT			
SERIAL NUMBER (if applicable):			
120 Inspect link bridge decking integrity.			
121 Inspect link bridge structure for any welding defects, damaged parts and excessive rust or corrosion.			
122 On unit with rectangular link bridges, inspect 27" (69 cm) guardrails (2x) for any welding defects, damaged parts or excessive rust or corrosion.			

GENERAL			
SERIAL NUMBER (if applicable):			
123 Check all stickers and make sure they are in place and legible. Replace or update stickers as required. Update the appropriate inspection validation sticker.			
124 Check condition of mast guard panels.			
125 Check outriggers, outrigger lock bolts and plank stop pins for damages.			
126 Inspect 60" (1,5 m) guardrail (1x) for any welding defects, damaged parts or excessive rust or corrosion.			
127 Inspect access stairs, ramps and extension for any welding defects, damaged parts and excessive rust or corrosion.			
128 Inspect door guardrail for any welding defects, damaged parts and excessive rust or corrosion.			
129 Inspect plank-end guardrails for any welding defects, damaged parts or excessive rust or corrosion.			

TESTS to RUN (as per technical procedures)			
SERIAL NUMBER (if applicable):			
130 Check operation of horn when unit is going down (LEFT) (F300 model only).			
131 Check operation of horn when unit is going down (RIGHT).			
132 Check operation of strobe light (LEFT) (F300 model only).			
133 Check operation of strobe light (RIGHT).			
134 Perform brake capacity test as per technical procedure.			
135 Perform drop test and engagement of overspeed safety device; reset as per technical procedure.			
136 Perform test of emergency descent system as per technical procedure.			
137 Perform travel test with a load equivalent to 3300 lb (1497 kg) per side and validate operating pressure as per technical procedure.			
138 Perform travel test with a load equivalent to 6000 lb (2722 kg) per side and validate operating pressure as per technical procedure.			
139 Perform travel test without any loads and validate operating pressure as per technical procedure.			
140 Test 10' (3 m) stop sensor (transport platform installations only) (RIGHT).			
141 Test 10' (3 m) stop sensor (transport platform installations only) (LEFT).			
142 Test bottom final limit sensor BFL (LEFT) (F300 model only).			
143 Test bottom final limit sensor BFL (RIGHT).			
144 Test bottom limit sensor BL (LEFT) (F300 model only).			
145 Test bottom limit sensor BL (RIGHT).			
146 Test door switch sensor (LEFT) (F300 model only, not available on all units).			
147 Test door switch sensor (not available on all units) (RIGHT).			
148 Test DOWN 1st speed button (LEFT).			
149 Test DOWN 1st speed button (RIGHT).			
150 Test DOWN 2nd speed button (LEFT).			
151 Test DOWN 2nd speed button (RIGHT).			
152 Test emergency descent sensor (LEFT) (F300 model only).			
153 Test emergency descent sensor (RIGHT).			



NAME of QUALIFIED TECHNICIAN:	MOTORIZED UNIT MODEL and SERIAL NUMBER:	DATE of INSPECTION:

USE CHECK MARK FOR EACH ENTRY VERIFIED. IF NECESSARY, TAKE CORRECTIVE ACTION BEFORE INSERTING CHECK MARK.

	OK	CORRECTED	N/A
TESTS to RUN (as per technical procedures)			
SERIAL NUMBER (if applicable):			
154 Test emergency stop button (LEFT) (F300 model only).			
155 Test emergency stop button (RIGHT).			
156 Test high temperature sensor (LEFT) (F300 model only).			
157 Test high temperature sensor (RIGHT).			
158 Test inclinometer 1 +2.0 deg. sensor (LEFT) (F300 model only).			
159 Test inclinometer 1 +2.0 deg. sensor (RIGHT).			
160 Test inclinometer 1 +5.0 deg. sensor (LEFT) (F300 model only).			
161 Test inclinometer 1 +5.0 deg. sensor (RIGHT).			
162 Test inclinometer 1 -2.0 deg. sensor (LEFT) (F300 model only).			
163 Test inclinometer 1 -2.0 deg. sensor (RIGHT).			
164 Test inclinometer 1 -5.0 deg. sensor (LEFT) (F300 model only).			
165 Test inclinometer 1 -5.0 deg. sensor (RIGHT).			
166 Test inclinometer 2 +2.0 deg. sensor (LEFT) (F300 model only).			
167 Test inclinometer 2 +2.0 deg. sensor (RIGHT).			
168 Test inclinometer 2 +5.0 deg. sensor (LEFT) (F300 model only).			
169 Test inclinometer 2 +5.0 deg. sensor (RIGHT).			
170 Test inclinometer 2 -2.0 deg. sensor (LEFT) (F300 model only).			
171 Test inclinometer 2 -2.0 deg. sensor (RIGHT).			
172 Test inclinometer 2 -5.0 deg. sensor (LEFT) (F300 model only).			
173 Test inclinometer 2 -5.0 deg. sensor (RIGHT).			
174 Test link bridge door sensor (LEFT) (F300 model only).			
175 Test link bridge door sensor (RIGHT).			
176 Test low fuel level switch (LEFT) (F300 model only).			
177 Test low fuel level switch (RIGHT).			
178 Test low oil level switch (LEFT) (F300 model only).			
179 Test low oil level switch (RIGHT).			
180 Test overload sensor.			
181 Test overspeed 1 sensor (LEFT) (F300 model only).			
182 Test overspeed 1 sensor (RIGHT).			
183 Test overspeed 2 bypass (F100, F300 and FTP) (RIGHT).			
184 Test overspeed 2 bypass (LEFT) (F300 model only).			
185 Test overspeed 2 sensor (F200 model only) (RIGHT).			
186 Test phase loss detector.			
187 Test pressure transducer low set point (LEFT) (F300 model only).			
188 Test pressure transducer low set point (RIGHT).			



NAME of QUALIFIED TECHNICIAN:	MOTORIZED UNIT MODEL and SERIAL NUMBER:	DATE of INSPECTION:

USE CHECK MARK FOR EACH ENTRY VERIFIED. IF NECESSARY, TAKE CORRECTIVE ACTION BEFORE INSERTING CHECK MARK.

	OK	CORRECTED	N/A
TESTS to RUN (as per technical procedures)			
SERIAL NUMBER (if applicable):			
189 Test top final limit sensor TFL (LEFT) (F300 model only).			
190 Test top final limit sensor TFL (RIGHT).			
191 Test top limit sensor TL (LEFT) (F300 model only).			
192 Test top limit sensor TL (RIGHT).			
193 Test trolley link sensor (LEFT) (F300 model only).			
194 Test trolley link sensor (RIGHT).			
195 Test UP 1st speed button (LEFT).			
196 Test UP 1st speed button (RIGHT).			
197 Test UP 2nd speed button (LEFT).			
198 Test UP 2nd speed button (RIGHT).			

The undersigned certifies that this unit and its accessories have been properly inspected, in due time, that any discrepancy has been brought to the attention of the owner/user and that all discrepancies have been corrected prior to further use of this unit or its accessories.

Signature of QUALIFIED TECHNICIAN	Name of QUALIFIED TECHNICIAN (IN PRINT)	DATE OF INSPECTION
--	--	---------------------------



NAME of QUALIFIED TECHNICIAN:	MOTORIZED UNIT MODEL and SERIAL NUMBER:	DATE of INSPECTION:

DATE ENTERED	NOTE or COMMENT	CORRECTIVE ACTION REQUIRED	DATE OF REPORT TO OWNER/USER	DATE OF COMPLETION FOR CORRECTIVE ACTION

The undersigned certifies that this unit and its accessories have been properly inspected, in due time, that any discrepancy has been brought to the attention of the owner/user and that all discrepancies have been corrected prior to further use of this unit or its accessories.

<hr/> Signature of QUALIFIED TECHNICIAN <small>F2_MAINTANNUAL_1121</small>	<hr/> Name of QUALIFIED TECHNICIAN (IN PRINT)	<hr/> DATE OF INSPECTION
---	---	--------------------------