



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 a frequent inspection. Use the spaces below to monitor inspections that need to be performed every three months. 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. All inspection steps included in the daily inspection checklist must be performed before the frequent inspection steps.

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.

Frequent inspections must be performed by a qualified technician (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 Check condition of hydraulic pressure filter (2x).			
14 Check condition of the hydraulic return filter and replace, if necessary.			
15 Clean battery connections and perform battery load test as per technical procedure.			
16 Inspect electrical wiring and connection to all sensors and connectors.			
17 Inspect integrity of main frame access door and locking mechanism.			
18 Inspect main frame structure for any welding defects, damaged parts and excessive rust or corrosion.			
19 Inspect operation of choke solenoid and return.			
20 Inspect throttle cable and check adjustment.			
21 Perform charging system test on Honda engine as per technical procedure.			
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.			



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):		
24 Check all hydraulic hoses and fittings for any leaks or signs of wear.			
25 Check condition of hydraulic pressure filter (2x).			
26 Check condition of the hydraulic return filter and replace, if necessary.			
27 Clean battery connections and perform battery load test as per technical procedure.			
28 Inspect electrical wiring and connection to all sensors and connectors.			
29 Inspect integrity of main frame access door and locking mechanism.			
30 Inspect main frame structure for any welding defects, damaged parts and excessive rust or corrosion.			
31 Inspect operation of choke solenoid and return.			
32 Inspect throttle cable and check adjustment.			
33 Perform charging system test on Honda engine as per technical procedure.			
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.			



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):		
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.			
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.			



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):			
88 Test setting of hydraulic pressure relief valve at 1st speed as per technical procedure.					
89 Test setting of hydraulic pressure relief valve at 2nd speed as per technical procedure.					
90 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):			
91 Check all hydraulic hoses and fittings for any leaks or signs of wear.					
92 Check bearings, shafts and retaining rings.					
93 Check electrical connection to the control panel.					
94 Check hardware and connection points to main frame.					
95 Check hydraulic oil level. Replenish, if necessary, with hydraulic oil recommended by Hydro Mobile.					
96 Check power box connection and cable.					
97 Check skate rollers and make sure they pivot on the shaft.					
98 Inspect all rollers for alignment and excessive wear.					
99 Inspect electrical wiring and connection to all sensors and connectors.					
100 Inspect main trolley structure for any welding defects, damaged parts and excessive rust or corrosion.					
101 Test setting of hydraulic pressure relief valve at 1st speed as per technical procedure.					
102 Test setting of hydraulic pressure relief valve at 2nd speed as per technical procedure.					
103 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):			
104 Check control panel switches and warning lights or display screen.					
105 Check electrical connections inside the control panel.					
106 Inspect electrical cord and connection port.					
CONTROL PANEL - RIGHT		SERIAL NUMBER (if applicable):			
107 Check control panel switches and warning lights or display screen.					
108 Check electrical connections inside the control panel.					
109 Inspect electrical cord and connection port.					
TROLLEY LINK		SERIAL NUMBER (if applicable):			
110 Check all hydraulic hoses and fittings (F200 and F300 models only) for any leaks and signs of wear.					
111 Ensure that trolley link fastening pins are in place and secured (4x).					
112 Inspect trolley link structure for any welding defects, damaged parts and excessive rust or corrosion.					
LINK BRIDGE - LEFT		SERIAL NUMBER (if applicable):			
113 Check all guardrails, guardrail attachment brackets and doors for any welding defects, damaged parts and excessive rust or corrosion.					
114 Inspect link bridge decking integrity.					
115 Inspect link bridge structure for any welding defects, damaged parts and excessive rust or corrosion.					
116 On unit with rectangular link bridges, inspect 27" (69 cm) guardrails (2x) for any welding defects, damaged parts or 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):			
117 Check all guardrails, guardrail attachment brackets and doors for any welding defects, damaged parts and excessive rust or corrosion.			
118 Inspect link bridge decking integrity.			
119 Inspect link bridge structure for any welding defects, damaged parts and excessive rust or corrosion.			
120 On unit with rectangular link bridges, inspect 27" (69 cm) guardrails (2x) for any welding defects, damaged parts or excessive rust or corrosion.			

MOTORIZED UNIT USED IN A TRANSPORT PLATFORM APPLICATION			
SERIAL NUMBER (if applicable):			
121 Check guardrails and fillers for any welding defects, damaged parts and excessive rust or corrosion.			
122 Check landing ramps (2x) for any welding defects, damaged parts and 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.			

WHEN MOTORIZED UNIT IS IN USE			
SERIAL NUMBER (if applicable):			
130 Check integrity of wall tie brackets and anchor fasteners.			
131 Inspect guardrails for any welding defects, damaged parts and excessive rust or corrosion.			
132 Inspect mast rack(s) for wear as per technical procedure.			
133 Inspect mast sections for any welding defects, damaged parts and excessive rust or corrosion. Note serial numbers.			
134 Inspect mast tie components for any welding defects, damaged parts and excessive rust or corrosion.			
135 Perform all steps included in the daily/weekly inspection checklist.			
136 Perform all steps included in the frequent inspection checklist for each accessory used on the setup.			
137 Perform all steps included in the frequent inspection checklist for a bridge.			

TESTS to RUN (as per technical procedures)			
SERIAL NUMBER (if applicable):			
138 Check operation of horn when unit is going down (LEFT) (F300 model only).			
139 Check operation of horn when unit is going down (RIGHT).			
140 Check operation of strobe light (LEFT) (F300 model only).			
141 Check operation of strobe light (RIGHT).			
142 Perform brake capacity test as per technical procedure.			
143 Perform drop test and engagement of overspeed safety device; reset as per technical procedure.			
144 Perform test of emergency descent system as per technical procedure.			
145 Perform travel test with a load equivalent to 3300 lb (1497 kg) per side and validate operating pressure as per technical procedure.			
146 Perform travel test with a load equivalent to 6000 lb (2722 kg) per side and validate operating pressure as per technical procedure.			
147 Perform travel test without any loads and validate operating pressure 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
TESTS to RUN (as per technical procedures)	SERIAL NUMBER (if applicable):		
148 Test 10' (3 m) stop sensor (transport platform installations only) (LEFT).			
149 Test 10' (3 m) stop sensor (transport platform installations only) (RIGHT).			
150 Test bottom final limit sensor BFL (LEFT) (F300 model only).			
151 Test bottom final limit sensor BFL (RIGHT).			
152 Test bottom limit sensor BL (LEFT) (F300 model only).			
153 Test bottom limit sensor BL (RIGHT).			
154 Test door switch sensor (LEFT) (F300 model only, not available on all units).			
155 Test door switch sensor (not available on all units) (RIGHT).			
156 Test DOWN 1st speed button (LEFT).			
157 Test DOWN 1st speed button (RIGHT).			
158 Test DOWN 2nd speed button (LEFT).			
159 Test DOWN 2nd speed button (RIGHT).			
160 Test emergency descent sensor (LEFT) (F300 model only).			
161 Test emergency descent sensor (RIGHT).			
162 Test emergency stop button (LEFT) (F300 model only).			
163 Test emergency stop button (RIGHT).			
164 Test high temperature sensor (LEFT) (F300 model only).			
165 Test high temperature sensor (RIGHT).			
166 Test inclinometer 1 +2.0 deg. sensor (LEFT) (F300 model only).			
167 Test inclinometer 1 +2.0 deg. sensor (RIGHT).			
168 Test inclinometer 1 +5.0 deg. sensor (LEFT) (F300 model only).			
169 Test inclinometer 1 +5.0 deg. sensor (RIGHT).			
170 Test inclinometer 1 -2.0 deg. sensor (LEFT) (F300 model only).			
171 Test inclinometer 1 -2.0 deg. sensor (RIGHT).			
172 Test inclinometer 1 -5.0 deg. sensor (LEFT) (F300 model only).			
173 Test inclinometer 1 -5.0 deg. sensor (RIGHT).			
174 Test inclinometer 2 +2.0 deg. sensor (LEFT) (F300 model only).			
175 Test inclinometer 2 +2.0 deg. sensor (RIGHT).			
176 Test inclinometer 2 +5.0 deg. sensor (LEFT) (F300 model only).			
177 Test inclinometer 2 +5.0 deg. sensor (RIGHT).			
178 Test inclinometer 2 -2.0 deg. sensor (LEFT) (F300 model only).			
179 Test inclinometer 2 -2.0 deg. sensor (RIGHT).			
180 Test inclinometer 2 -5.0 deg. sensor (LEFT) (F300 model only).			
181 Test inclinometer 2 -5.0 deg. sensor (RIGHT).			
182 Test link bridge door sensor (LEFT) (F300 model only).			



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):			
183 Test link bridge door sensor (RIGHT).			
184 Test low fuel level switch (LEFT) (F300 model only).			
185 Test low fuel level switch (RIGHT).			
186 Test low oil level switch (LEFT) (F300 model only).			
187 Test low oil level switch (RIGHT).			
188 Test overload sensor.			
189 Test overspeed 1 sensor (LEFT) (F300 model only).			
190 Test overspeed 1 sensor (RIGHT).			
191 Test overspeed 2 bypass (F100, F300 and FTP) (RIGHT).			
192 Test overspeed 2 bypass (LEFT) (F300 model only).			
193 Test overspeed 2 sensor (F200 model only) (RIGHT).			
194 Test phase loss detector.			
195 Test pressure transducer low set point (LEFT) (F300 model only).			
196 Test pressure transducer low set point (RIGHT).			
197 Test top final limit sensor TFL (LEFT) (F300 model only).			
198 Test top final limit sensor TFL (RIGHT).			
199 Test top limit sensor TL (LEFT) (F300 model only).			
200 Test top limit sensor TL (RIGHT).			
201 Test trolley link sensor (LEFT) (F300 model only).			
202 Test trolley link sensor (RIGHT).			
203 Test UP 1st speed button (LEFT).			
204 Test UP 1st speed button (RIGHT).			
205 Test UP 2nd speed button (LEFT).			
206 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
--	--	---------------------------

