

Vehicle Bumper number: _____
 Vehicle Serial Number: _____

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 Unit: _____

Bradley ECP 1 Vehicle Induction / Out- Processing			
NOTE: UNITS ARE REQUIRED TO COMPLETE ALL TASKS LISTED BELOW, PRIOR TO THE DELIVERY OF VEHICLES FOR THE BRADLEY ECP 1I INSTALLATION			
Vehicle Induction inspection			SUPERVISOR INITIALS
	GO	NO GO	
1	VEHICLE FUEL LEVEL: EMPTY 1/4 1/2 3/4 FULL		
2	CONDUCT VEHICLE INDUCTION ROAD TEST		
VEHICLE EXTERIOR			
3	CHECK EXTERIOR OF VEHICLE FOR DAMAGE OR MISSING ITEMS. ENSURE ALL ITEMS ARE PROPERLY SECURED		
4	CHECK WIRES AND LEAD SEALS ON EXTERNAL FIRE EXTINGUISHER HANDLES		
5	CHECK OUTSIDE OF VEHICLE FOR SIGNS OF FUEL, OIL, OR COOLANT LEAKS		
FINAL DRIVE HULL DRAIN PLUGS			
6	CHECK THAT RIGHT AND LEFT FINAL DRIVE HULL DRAIN PLUGS ARE INSTALLED		
INTAKE SCREEN			
7	INSPECT INTAKE SCREEN FOR DEBRIS, MISSING HARDWARE OR BROKEN SCREEN		
COOLING SYSTEM			
8	CHECK RADIATOR COOLANT LEVEL. IF LOW, ADD TO FULL		
9	CHECK TO SEE THAT CHAIN IS INSTALLED ON CAP AND GASKET UNDER CAP IS NOT BROKEN OR MISSING		
NIGHT VISION VIEWER POWER CONNECTOR			
10	CHECK NIGHT VISION VIEWER POWER CONNECTOR 1W17P10/1W300 TO ENSURE NOT DAMAGED OR MISSING AND PROPER STORAGE		
DRIVER'S HATCH COVER			
11	CHECK OPERATION OF DRIVER'S HATCH COVER		
12	CHECK THAT DRIVER'S HATCH COVER OPENS AND CLOSES FREELY, AND LOCKS IN BOTH OPEN AND CLOSED POSITIONS		
13	CHECK THAT SAFETY LATCH IS PRESENT AND LOCKS IN PLACE		
ENGINE OIL			
14	CHECK ENGINE OIL LEVEL		
POWER UNIT			
15	OPEN ENGINE ACCESS DOOR		
16	CHECK TRANSMISSION OIL LEVEL		
17	CHECK FINAL DRIVES' OIL LEVELS		
18	CHECK RIGHT ANGLE DRIVE OIL LEVEL		
PERSONNEL HEATER			
19	CHECK PERSONNEL HEATER OPERATION		
20	CHECK HEATER AIR DUCT PIPE FOR PROPER INSULATION AND SEALS		
21	CHECK SQUAD/HCS AREA DUCT FOR OUTLET FOR STEADY HEAT OUTPUT		

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22	CHECK PERSONNEL HEATER FOR SMOKE OR STRONG DIESEL FUMES			
23	CHECK FUEL LINES, FITTINGS, AND PERSONNEL HEATER FOR FUEL LEAKS. MAKE CHECK THROUGH TURRET DOOR OPENING			
24	CHECK FOR FLASHING PERSONNEL HEATER INDICATOR LIGHT ON CONTROL BOX. IF LIGHT IS FLASHING, SEE PERSONNEL HEATER TROUBLESHOOTING (WP 0089 00). IF LIGHT CONTINUES TO FLASH. DO NOT OPERATE PERSONNEL HEATER DURING MISSION			
CHECK RAMP OPERATIONS				
25	LOWER AND RAISE RAMP (WP 0012 00)			
26	CHECK RAMP HYDRAULIC POWER UNIT			
27	REMOVE RAMP HYDRAULIC POWER UNIT COVER AND CHECK SIGHT GLASS. IF FLUID LEVEL IS BELOW ADD MARK, ADD FRH (MIL-H-46170) AS NEEDED. NEVER FILL OVER HALFWAY BETWEEN ADD AND FULL WITH RAMP DOWN. RAMP HYDRAULIC POWER UNIT WILL BE OVERFILLED WITH RAMP UP			
HULL DRAIN PLUGS				
28	CHECK FOR OPEN OR MISSING FRONT HULL DRAIN PLUG AND THAT BRIDGE PLATES ARE FULLY SEATED			
ENGINE COMPARTMENT FIRE EXTINGUISHER				
29	CHECK ENGINE COMPARTMENT FIRE EXTINGUISHER			
30	CHECK WIRE OR LEAD SEALS ON ENGINE COMPARTMENT FIRE EXTINGUISHER			
31	CHECK THAT PRESSURE GAUGE ON FM-200 ENGINE COMPARTMENT FIRE EXTINGUISHER DOES READ +/- 25 PSIG OF PRESSURE SHOWN ON INSTRUCTION PLATE TABLE AT AMBIENT TEMPERATURE			
32	CHECK FLAME SENSOR CABLE AND SENSOR BOX IN TUNNEL			
33	CHECK ENGINE COMPARTMENT FIRST-SHOT FIRE EXTINGUISHER			
34	CHECK PIN AND RECOIL PLUG ON ENGINE COMPARTMENT FIRE EXTINGUISHER			
35	CHECK THAT PRESSURE GAUGE ON (FIRST-SHOT) ENGINE COMPARTMENT FIRE EXTINGUISHER DOES READ WITHIN MARKED GREEN AREA ON GAUGE			
36	CHECK FLAME SENSOR CABLE AND SENSOR BOX IN TUNNEL			
37	CHECK THREE SENSORS IN ENGINE COMPARTMENT			
38	CHECK SENSOR WINDOWS FOR DIRT, OIL, AND CONTAMINATION. IF DIRTY, CLEAN WITH A SOFT, DRY CLOTH			
INTERNAL FIRE EXTINGUISHER				
39	TURN MASTER POWER SWITCH TO ON			
40	CHECK THAT AFES CEP SYSTEM ON LED (GREEN) IS OFF, UNTIL AFTER POWER-UP BIT TESTS			
41	IF FIRE SENSOR LIGHT(S)-(S1-S8) ILLUMINATES SOLID RED, CLEAN INDICATED FIRE SENSOR LENS			
42	EXTINGUISHER DISCHARGE STATUS RESET			

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43	IF FIRE SENSOR LIGHTS(S)-(S1-S8) ILLUMINATES SOLID RED AGAIN, REFER TO TM 9-2350-294-23-1			
44	CHECK DISCHARGE STATUS OR IF A BRIEF SINGLE BLINK APPEARS ON CHECK AFES STATUS INDICATORS			
45	CHECK THAT AFES CEP SYSTEM ON LEDS ILLUMINATE SEQUENTIALLY (POWER UP BIT)			
46	ALL LEDS (EXCEPT SYSTEM ON) ARE SEQUENCED AS SHOWN BY DASHED LINES ON CEP			
47	SYSTEM ON AND EXTERNAL VEHICLE INDICATORS ARE OFF DURING LED SEQUENCING			
48	EIGHT (8) COMPLETE SEQUENCES ARE PERFORMED, TAKING APPROXIMATELY 8 SECONDS			
49	AFES CEP SYSTEM ON LED (GREEN) IS ILLUMINATED			
50	AFES IS NOW OPERATIONAL; VERIFY THAT NO FAULT LEDS ARE ILLUMINATED			
DRIVER'S PERISCOPES				
51	CHECK DRIVER'S PERISCOPE LENSES FOR DIRT AND CRACKS. IF PERISCOPE LENSES ARE DIRTY, WIPE WITH CLEAN, LINT FREE CLOTH			
52	CHECK DRIVER'S BLACKOUT COVERS FOR TEARS			
53	CHECK THAT DRIVER'S BLACKOUT COVERS STAY IN PLACE WHEN CLOSED			
INTERNAL FIRE EXTINGUISHER				
54	TURN MASTER POWER SWITCH TO ON			
55	CHECK THAT FIRE SUPPRESSION SWITCH IS IN AUTO AND THAT DISCHARGE LIGHT IS NOT ON			
DRIVER'S INSTRUMENT PANEL INDICATORS				
56	PERFORM LAMP TEST ON DRIVER'S INSTRUMENT PANEL INDICATORS			
57	PRESS TONE CANCEL/PUSH TO TEST SWITCH DOWN AND HOLD WHILE OBSERVING INSTRUMENT PANEL. INDICATORS FOR ENGINE OIL LOW PRESSURE. AIR CLEANER CLOGGED, LAUNCHED UP, TRANS OIL PRESS, TRANS OIL TEMP, FUEL FILTER CLOGGED, COOLANT HI TEMP, AND COOLANT LOW LEVEL SHOULD FLASH			
58	INDICATORS FOR COLD START, SMOKE SCREEN, FOR/REAR BILGE PUMPS, AND RAMP UNLOCKED SHOULD BE ON CONTINUALLY DURING LAMP TEST. IF COLD START, SMOKE SCREEN, FOR/REAR BILGE PUMPS, AND RAMP UNLOCKED INDICATOR LIGHTS DO NOT COME ON			
59	PRESS COOLANT TEST SENSOR BUTTON. WHEN BUTTON IS PUSHED, COOLANT LOW LEVEL LIGHT WILL FLASH IF SENSOR IS GOOD			
60	CHECK INSTRUMENT PANEL GAUGES AND LIGHTS			
61	START ENGINE			
62	CHECK ENGINE OIL PRESS GAUGE			
63	CHECK VOLTS GAUGE			

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64	CHECK COOLANT LOW LEVEL INDICATOR LIGHTS. IF INDICATOR FLASHES, NOTIFY MAINTENANCE			
65	CHECK ENGINE COOLANT TEMP GUAGE			
66	CHECK TRANS OIL PRESS INDICATOR LIGHT			
67	CHECK TRANS OIL TEMP INDICATOR LIGHT			
68	CHECK AIR FILTER RESTRICTION GAUGE. IF GAUGE READS LESS THAN 20 INCHES OF WATER, RESET FOLLOW-ON POINTER AND GO TO STEP 9. IF GAUGE READS 20 INCHES OF WATER OR MORE GO TO STEP 8. (REFER TM 9-350-294-10-2)			
69	START ENGINE			
70	CHECK AIR FILTER RESTRICTION GAUGE. IF GAUGE STILL READS 20 INCHES OF WATER OR MORE STOP ENGINE AND NOTIFY FIELD MAINTENANCE			
71	CHECK FUEL FILTER CLOGGED INDICATOR LIGHT. IF FUEL FILTER CLOGGED INDICATOR LIGHT FLASHES, STOP ENGINE			
72	DRAIN FUEL FILTER INTO SUITABLE CONTAINER UNTIL CLEAR FUEL COMES OUT. IF FUEL IS CONTAMINATED OR DOES NOT DRAIN, NOTIFY FIELD MAINTENANCE. IF FUEL FILTER CLOGGED INDICATOR LIGHT CONTINUES TO FLASH. NOTIFY FIELD MAINTENACE			
73	CLOSE ENGINE ACCESS DOOR			
DRIVER'S SWITCH AND INDICATOR PANEL				
74	PERFORM LAMP TEST ON DRIVER'S SWITCH AND PANEL (DSIP)			
75	PRESS THE LAMP TEST SWITCH AND HOLD WHILE OBSERVING THE DRIVER'S SWITCH AND INDICATOR PANEL (DSIP). INDICATORS FOR : PANEL LIGHTS, MASTER POWER, ENGINE ACCESSORY, CBRN, WARNING, CAUTION, RAMP UNLOCKED, COLD START, FIRE SUPPRESSION MANUEL MODE, AND DISCHARGE, SHOULD ALL LIGHT			
76	IF CBRN SYSTEM AND/OR COLD START LAMPS DO NOT COME ON, NOTIFY UNIT MAINTENANCE			
DRIVER'S TACTICAL DISPLAY (DTD)				
77	CHECK THE DTD TO ENSURE DTD AND DVDB TEST STATUS IS A GO			
78	USING BRIGHTNESS KEYS, CHECK THAT DISPLAY BRIGHTNESS CAN BE ADJUSTED			
79	MOVE ENGINE ACCESSORY SWITCH TO ON			
80	CHECK OIL PRESSURE GAUGE AND VOLTS GAUGE			
81	CHECK FOR DSIP WARNING LIGHT ON			
82	CHECK TO ENSURE THE FOLLOWING WARNING INDICATORS ARE FLASHING WITH ENGINE ACCESSORY SWITCH TO ON: ENGINE OIL PRESSURE LOW AND TRANS OIL PRESSURE LOW			
83	CHECK THE DIGITAL VEHICLE DISTRIBUTION BOX (DVDB) TO ENSURE THAT THE DEGRADED DRIVER SWITCH PIN IS INSTALLED WITH THE SWITCH IN THE DOWN POSITION			
84	CHECK DTD GAUGES AND LIGHTS			
85	MOVE ENGINE ACCESSORY SWITCH TO ON AND START ENGINE			

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86	CHECK ENGINE OIL PRESS GAUGE			
87	CHECK VOLTS GAUGE			
88	CHECK ENGINE COOLANT TEMP GAUGE			
89	CHECK TRANS OIL PRESS LOW INDICATOR GOES OUT AFTER 30 SECONDS			
90	CHECK TRANS OIL TEMP HIGH INDICATOR GOES OUT AFTER 30 SECONDS			
91	CHECK WARNING INDICATORS			
92	CHECK DISP WARNING LAMP			
93	CHECK AIR FILTER RESTRICTION GAUGE. IF GAUGE READS LESS THAT 20 INCHES OF WATER, RESET FOLLOW-ON POINTER AND GO TO NEXT STEP.			
94	IF AIR FILTER RESTRICTION GAUGE READS 20 INCHES OF WATER OR MORE, STOP ENGINE. REMOVE REAR POWER UNIT ACCESS PANEL			
95	REMOVE V-PAC ELEMENT			
96	EXAMINE V-PAC ELEMENT FOR HOLES, DENTS, TEARS, OR BUILDUP OF ICE. IF ELEMENT IS BAD OR ICE IS PRESENT, REPLACE V-PAC ELEMENT			
97	IF V-PAC IS OILY AND COVERED IN SOOT, REPLACE V-PAC ELEMENT			
98	SHAKE V-PAC ELEMENT TO REMOVE DUST, AND HAND BRUSH DIRT FROM OUTSIDE SURFACE			
99	IF NECESSARY, TAP NARROW END OF V-PAC ELEMENT ON GROUND TO SHAKE OUT DUST			
100	RE-INSTALL V-PAC ELEMENT. INSTALL POWER UNIT ACCESS PANEL			
101	START ENGINE			
102	CHECK AIR FILTER RESTRICTION GAUGE. IF GAUGE STILL READS 20 INCHES OF WATER OR MORE, NOTIFY MAINTENANCE			
103	CHECK FUEL FILTER CLOGGED INDICATOR INDICATOR. IF FUEL FILTER CLOGGED INDICATOR IS FLASHING, STOP ENGINE. NOTIFY FIELD MAINTENANCE			
104	DRAIN FUEL FILTER INTO SUITABLE CONTAINER UNTIL CLEAR FUEL COMES OUT. IF FUEL IS CONTAMINATED OR DOES NOT DRAIN, NOTIFY FIELD MAINTENANCE. IF FUEL FILTER CLOGGED INDICATOR LIGHT CONTINUES TO FLASH. NOTIFY FIELD MAINTENANCE			
105	CLOSE ENGINE ACCESS DOOR			
TEC FAULT				
106	CHECK TEC FAULT INDICATOR LIGHT			
107	TURN MASTER POWER SWITCH TO ON			
108	AFTER 22 SECONDS, OBSERVE TEC FAULT INDICATOR LIGHT			
109	STOP ENGINE			
DRIVER'S VISION ENHANCER (DVE)				
110	CHECK THE OPERATION OF DRIVER'S VISION ENHANCER FOR PROPER OPERATION AND CLEAR VIDEO DISPLAYED ON DTD. NOTIFY FIELD LEVEL MAINTENANCE IF DISPLAYED VIDEO IS NOT CLEAR			
ACCELERATOR PEDAL				

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111	CHECK ACCELERATOR PEDAL OPERATION			
GEAR SELECTOR				
112	CHECK GEAR SELECTOR OPERATION			
HAND BRAKE				
113	CHECK HAND BRAKE			
114	PUSH DOWN AND HOLD BRAKE PEDAL FIRMLY			
115	LIFT HAND BRAKE HANDLE UP AND PULL BACK			
116	RELEASE FOOT PRESSURE. CHECK TO SEE THAT BRAKE PEDAL LOCKS IN DOWN POSITION			
117	PUSH DOWN AND HOLD BRAKE PEDAL FIRMLY			
118	ROTATE KNOB ON HAND BRAKE HANDLE AWAY FROM INSTUMENT PANEL AND LIFT HANDLE UP TO DISENGAGE BRAKE			
119	APPLY ADDITIONAL FOOT PRESSURE, AS NEEDED, SO HAND BRAKE WILL RELEASE AND SLIDE FORWARD			
120	TURN HAND BRAKE HANDLE DOWN			
121	RELEASE BRAKE PEDAL. PEDAL SHOULD COME UP			
COMMUNICATIONS AND INTERCOM				
122	CHECK TO SEE IF COMMUNICATION IS PRESENT BETWEEN DRIVER AND COMMANDER/FIRE SUPPORT STATION OPERATOR. CHECK OPERATION OF INTERCOM BUTTON			
HULL DRAIN PLUGS				
123	CHECK FOR OPEN OR MISSING REAR HULL DRAIN PLUG AND THAT BRIDGE PLATES ARE FULLY SEATED			
PORTABLE FIRE EXTINGUISHER				
124	CHECKS SEALS ON BOTH PORTABLE FIRE EXTINGUISHERS			
INTERNAL/SQUAD AREA FIRE EXTINGUISHERS				
125	CHECK THAT PRESSURE GAUGES ON BOTH SQUAD AREA FIRE EXTINGUISHERS READ AT OR ABOVE MINIMUM PRESSURE ON CHART ESTIMATE TEMPERATURE IN SQUAD AREA			
126	CHECK THAT MANUAL ACTIVATION CABLES ARE NOT DAMAGED OR DISCONNECTED			
127	CHECK THAT ANTI-RECOIL PLUGS ARE PROPERLY STOWED AND THAT SAFETY PINS ARE NOT INSERTED			
128	CHECK FLAME SENSOR CABLES AND SENSOR BOXES			
129	CHECK WIRE AND LEAD SEAL ON INTERNAL FIRE SUPPRESSION HANDLE			
130	RAISE RAMP (WP 0012 00)			
131	CHECK THAT PRESSURE GAUGES ON BOTH SQUAD/SPONSON AREA FIRE EXTINGUISHERS READ AT OR ABOVE MINIMUM PRESSURE ON CHART ON BOTTLE LABEL. ESTIMATE TEMPERATURE IN SQUAD AREA			
132	CHECK THAT MANUAL ACTIVATION CABLES ARE NOT DAMAGED OR DISCONNECTED			
133	CHECK SPONSON AREA FIRE EXTINGUISHER			

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134	CHECK WIRE AND LEAD SEALS, PIN, AND RECOIL PLUG ON SPONSON FIRE EXTINGUISHER			
FAN SPEED CONTROL BYPASS				
135	CHECK THAT FAN SPEED CONTROL BYPASS KNOB IS DISENGAGED			
136	START ENGINE			
137	CHECK THAT FAN IS OPERATING AT NORMAL SPEED			
138	STOP ENGINE			
TURRET SHIELD DOOR				
139	CHECK THAT CARGO AND DRIVER'S HATCH ARE CLOSED. OPEN TURRET SHIELD DOOR. CHECK THAT DRIVE INDICATOR LIGHT GOES OFF AND OPEN HATCH LIGHT COMES ON WHEN TURRET SHIELD DOOR IS OPENED			
140	ENSURE THAT TURRET SHIELD DOOR OPENING AND TOP OF VEHICLES ARE CLEAR OF PERSONNEL. ATTEMPT TO ROTATE TURRET. TURRET SHOULD NOT ROTATE			
141	CLOSE TURRET SHIELD DOOR. CHECK THAT TURRET SHIELD DOOR LOCKS IN CLOSED POSITION. CHECK THAT OPEN HATCH LIGHT GOES OFF AND DRIVE INDICATOR LIGHT COMES ON WHEN TURRET SHIELD DOOR IS CLOSED			
Vehicle Out-Processing				
MWO 9-2350-403-55-1 T161 Track				
142	Verify completeness of modification kit and installation in accordance with drawings and MWO documents			
143	Verify re-installation and function requirements of items removed for accessibility to accomplish T161 track kit installation			
144	Verify proper disposition of removed and discarded parts IAW with contract, technical drawings and MWO documents			
MWO 9-2350-405-55-2 Shock Absorber				
145	Verify completeness of modification kit and installation in accordance with drawings and MWO documents			
146	Verify re-installation and function requirements of items removed for accessibility to accomplish shock absorber kit installation			
147	Verify proper disposition of removed and discarded parts IAW with contract, technical drawings and MWO documents			
148	Verify torque of mounting screws IAW kit drawings			
149	Verify inspect shock seal (upper and lower) for proper installation			
150	Verify cap is completely seated			
151	Verify position of reservoir is in the down position			
MWO 9-2350-405-55-3 vehicle suspension road arm system				
152	Verify completeness of modification kit and installation in accordance with drawings and MWO documents			
153	Verify re-installation and function requirements of items removed for accessibility to accomplish vehicle suspension road arm system kit installation			

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154	Verify proper disposition of removed and discarded parts IAW with contract, technical drawings and MWO documents			
155	Verify torque of mounting screws IAW kit drawings			
156	Verify correct installation of packing in road arm housing			
157	Ensure tab washer PN 258695 is installed correctly with flat bent over screw			
	MWO 9-2350-405-55-4 Torsion Bar			
158	Verify completeness of modification kit and installation in accordance with drawings and MWO documents			
159	Verify re-installation and function requirements of items removed for accessibility to accomplish Torsion Bar kit installation			
160	Verify proper disposition of removed and discarded parts IAW with contract, technical drawings and MWO documents			
161	Conduct Post Vehicle Road Test check for any issues not covered under the vehicle induction check list and road test.			

PRE-INSEPTION SIGNATURES

Pre-inspection, Contractor Rep name: _____

Pre-inspection signature, Contractor Rep: _____

Date: _____

Pre-inspection, Unit POC name : _____

Pre-inspection signature, Unit POC: _____

Date: _____

POST-INSPECTION SIGNATURES

Post-inspection, Contractor Rep name: _____

Post-inspection signature, Contractor Rep: _____

Date: _____

Post inspection, Unit POC name ***: _____

Post inspection signature, Unit POC***: _____

Date: _____

*** During Post Award Inspection, the Unit POC must not under any circumstance sign this sheet until the vehicle meets 100% requirements and is 100% complete and ready for delivery back to the Unit.

Optional: Government / QA representative name : _____

Optional: Government / QA representative signature: _____

Date: _____