

INSPECTION CHECKSHEET			Page 1 of 3		
NOUN/MODEL: NHC 250 Engine Dyno					
NSN: 2815-00-134-4666 / 2815-01-074-4963			PART NUMBER: 11664451 / 11669328-1		
SERIAL NO:			PCN:		
	X	100% Inspection		Sampling Plan (Refer to ASQC Z1.4)	
INSPECTION POINT:					
TECHNICAL REFERENCES:					
SPECIAL SKILLS/CERTIFICATION:					
NOTE: Components new and used that effect a repair will be entered in the Remarks; by stock number or part number and serial number if present.					
SPECIAL INSTRUCTIONS:					
<p>1. The Mechanic/Technician/Inspector will inspect and repair as necessary IAW Shop Work Order.</p> <p>2. This checksheet shall be used to verify that all tasks have been completed. The Mechanic/Technician will indicate that each item listed on this checksheet is complete by marking (with an initial or round stamp) in the appropriate space. The results of a measurement or reading will be recorded if indicated on the checksheet. After completion, sign and date this coversheet.</p> <p>3. All items listed on this checksheet may not be applicable to every configuration. If so, indicate by writing "N/A" in the "Mech/Tech/Inspector" space.</p> <p>4. After inspection of the item presented, the inspector shall review this checksheet, verify that it is complete and correct by stamping and dating the appropriate spaces on this coversheet.</p> <p>5. Initialing or (square) stamping of this checksheet is verification that all TMDE used was in calibration at the time of acceptance.</p> <p>6. Any questions or suggested changes regarding the contents of this checksheet should be addressed to Vernon Scroggins II ext. 4837 or Chief, Product Assurance, ext.5127.</p>					
NOTE					
This properly completed checksheet is Objective Quality Evidence this product meets or exceeds the requirements of the Shop Work Order.					
This product may be issued individually or in support of other Depot programs.					
MECHANIC/TECHNICIAN:			COMPLETION DATE:		
INSPECTOR STAMP:			CONDITION CODE:		DATE:

INSPECTION CHECKSHEET NHC 250 Engine		PCN:	PAGE 2 OF 3
Dyno			
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2815-01-074-4963		11669328-1	
SERIAL NUMBER:			
TASK:		Mech/Tech/Inspector	
1. Install engine on dynamometer and fill oil to proper level on dipstick. Prime fuel system. Fill cooling system with water.			
CAUTION: After starting engine make sure oil pressure is 15 psi minimum.			
2. Start engine and run low idle (575 -650 rpm.) for 5 minutes. Record oil pressure (min 15 psi)_____			
3. Run engine at 1000 rpm producing 30 hp. until water out temp is 130F minimum.			
4. Run engine at 1575 rpm producing 125 hp. min. for PSA , 30 min for Reb.)		(5)	
5. Run engine at 2100 rpm producing 188 hp. min. for PSA , 30 min for Reb.)		(5)	
6. Run engine at 2100 rpm producing 213 hp. min. for PSA , 30 min for Reb.)		.(5)	
7. Run engine at 2100 rpm producing 220 hp min. for PSA , 15 min for Reb.)		(5)	
7. Run engine at full load (4 min.only) 2130-2150 rpm Actual_____			
a. Record Horsepower / Torque (230-240 hp.). Actual_____			
(575-600 ft lbs) Actual_____			
b. Record Oil Temp. (Max of 250 F) Actual_____			
c. Record Water Out Temp. (Max 190 F) Actual_____			
d. Record Fuel Temp (Max 110 F) Actual_____			
e. Record Air In Temp (Max 115 F) Actual_____			
f. Record Fuel Rail Pressure (172-180 psi) Actual_____			
g. Record Crankcase Pressure (Max. 8 in. H2o) Actual_____			
h. Record Engine Oil Pressure (Min. 45 psi) Actual_____			
Remarks:			

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SERIAL NUMBER:			
TASK: Continued		Mech/Tech/Inspector	
8. Check High Gov. (Max. 2400 rpm). Actual _____			
9. Check Idle Oil Pressure (575-650 rpm) (min.15 lbs.) Actual _____			
10. Shut down engine check for leaks in fuel, oil and water.			
11. Pull AOAP sample and send to Lab.			
12. Results of AOAP. PASS _____ FAIL _____			
13. All paperwork complete.			
Remarks:			