Iowa FFA Agricultural Mechanics Career Development Event 2006

State of Iowa	CONTESTANT NAME
DEPARTMENT OF EDUCATION	
Career Education Division	
Grimes State Office Building	CONTESTANT SCHOOL
Des Moines IA 50319	

MACHINERY AND EQUIPMENT SYSTEMS Problem Solving/Skill

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In	ctr	11/tt	ons:
	OLL	uvu	WHO.

_		Solving/Skill			
You	ructions: I will have <u>15 minutes</u> to do this exercise. Using the se tors, answer the following questions.	ections from the o	wner's manual	, and your kn	owledge of
I.	What are the last five digits of:				2 pts.
	a) Tractor Product Identification Number				
	b) Engine Serial Number				
II.	Identify by proper name the machine component or des Name a) b) c)	f)	Name		_
	d)e)	i)			_
III.	After the break-in period, what are the service intervals Assume generic (not company) oil and oil filter and "n a) engine oil b) wheel lug nut torque c) fuel filter	ormal" (not sever	re) operating co air cleaner lic oil	•	6 pts.
IV.	This tractor has an IVT transmission. What do the letter	ers stand for? I_	V	T	2 pts.
V.	What is the average weight of the tractor?What is the engine size (displacement)?What is the maximum pressure and output of the hydra	cu. in.	psi		4 pts. gal/min
	Evaluation	on Score Sheet			
Part Ser IVT Spe	, ESN			Point Possible 10 6 2 4	<u>Earned</u>
Sai	ety	Total	25	<u>1</u>	
					1