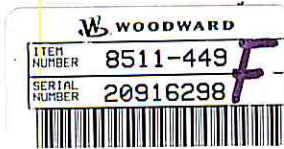


WOODWARD GOVERNOR COMPANY
FT COLLINS, COLORADO

ITEM NO.: F8511-449
SERIAL NUMBER: 20916298



TSP11978
TSP REVISION: C
AUTHOR: DWG 97-02-07
CHANGED BY:
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SG Test Specification and Record
For general instructions see TSP-10847

PRODUCTION ORDER NUMBER: 1700034
ITEM NUMBER: F8511-449
UNIT SERIAL NUMBER: 20916298
DATE: Wednesday, May 31, 2017
TEST PERSONNEL: sg_psg
TEST STAND: MECH-6607

Notes:

This TSP documents a functional test intended to be performed by a certified operator.

TEST RECORD FOR SG GOVERNOR

<u>SG Governor Test</u>	<u>SPECIFICATION</u>	<u>ACTUAL</u>
Speed Setting Motor (Type, Voltage if Applicable)	None	<Char_1>
1.0 <u>Basic Checks</u>		
1.0 Direction of Rotation	CCW	CCW
1.1 Torque Relief Valve	30 ft-lb	30ft. lbs.
1.2 Supply Oil Pressure	20 psi min.	20 psi
1.3 Governor Oil Pressure	Yes @ 175 PSI	Yes @ 175psi
1.4 Terminal Shaft Travel	40 Degrees	40 degrees
1.5 Load Limit Screw - Terminal Shaft Travel Set and Lock Nut Tightened	N/A	N/A
2.0 <u>Speed Stop Settings</u>		
2.10 High Speed Stop RPM (Set @ 90% Output, Max Fuel)	3600 RPM ± 10RPM	3595
2.11 High Speed Stop Air Pressure (PSI) (if pneumatic head)	N/A	N/A
2.20 Low Speed Stop RPM (Set @ 10% Output, Min Fuel)	1500 RPM ± 10RPM	1501
2.21 Low Speed Stop Air Pressure (PSI) (if pneumatic head)	N/A	N/A
3.0 <u>Drop Settings</u>		

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3.10	Droop RPM - 10% Output Position	3960 RPM	3960
	Droop RPM - Tol 10% Output	± 10RPM	
3.20	Droop RPM - 90% Output Position	3600 RPM	3595
	Droop RPM - Tol 90% Output	± 10RPM	
4.0	Excursion Time of Full Speed Range (sec)	N/A	N/A
	Min Fuel to Max Fuel (electric speed setting motors only)		
5.0	Governor Oil Pressure @ 600 RPM	157-202 PSI (Rdg - Boost)	175 psi @ 600 rpm
6.0	Verify jam nuts are tightened to specification (if applicable)	Yes	Yes
7.0	Low speed Stop @0 psi or Per Spec Sheet		N/A

END-OF-TEST