

WOODWARD GOVERNOR COMPANY
 Rockford, Illinois
 CAGE 66503
 VENDOR CODE 23245

AS RECEIVED

TSP-325
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 Rev. AH

RIGHT

CONSTANT SPEED PROP GOVERNOR - TEST REPORT
 Use with Governors 210560 (869120-1), 210563 (893615-3) (See Below)

S/N 1823946

OIL INLET TEMP. 140 ± 5 DEG. F. OIL INLET PRESSURE 95 ± 10 PSIG

P/N 8210-260

PT.	TSP PARAGRAPH NUMBER	SPEED (RPM)		OIL PRESSURE (PSIG)		OIL FLOW (QTS./MIN)		
		REQUIRED	ACTUAL	REQUIRED	ACTUAL	REQUIRED	ACTUAL	
1	C1	CHECK VALVE PRESS. CHECK	0	0	15 Max.	4	START FLOW	START FLOW
2	C2	TOTAL LEAK CHECK	0	0	200±10	200	.5 MAX.	0.2
3	C3	RELIEF VALVE CHECK a.	3500±15	3500	465±20	450	0	0
4	C4	PUMP CASE PRESSURE b.	3500±15	3500	525 PSI MAX.	465		
5	C4	PUMP CAPACITY CHECK	3500±15	3500	150±5	150	9.0 MINIMUM	9.8
6	C5	EXTERNAL LEAK	3500±15	3500	RELIEF VALVE		0	0
7	C6	OVERSPEED SETTING	3942±10		150±5			
8	C7	MAXIMUM RPM	3754±10	3874	150±5	150		
9	C8	MINIMUM RPM	2815±10	3542	150±5	150	USE	
10	C9	ARM TRAVEL - MAX. TO MIN.	55 DEG.-65 DEG.	93°	22°		BLEED 71° MIN. SET	
11	C10	INCREASE SPEED TO OBTAIN		3860	200±5	200	ORIFICE	
12	C10	INCREASE SPEED TO OBTAIN		3901	50±5	50		
13	C10	PRESSURE GAIN = PT12-PT11 20-40 RPM		41				
14	C11	DECREASE SPEED TO OBTAIN		3860	200±5 PSI	200		
15	C11	SPEED HYSTERESIS = PT11-PT 14 -15 TO +40 RPM		0				
16	C12	INTERNAL LEAK	AS REQUIRED	3895	150±5	150	NEW 1.40 MAX. O'HAUL 1.7 MAX.	0.9
17	C13	MAGNETIC PICKUP VOLTAGE	3700±10	3700	Adjust pickup to 4.5V±.2 peak-to-peak			4.5
18	C13	PICKUP INDICATED RPM	925±3*	925 Hz				
19	C16	ELECTRICAL SPEED CHANGE	50±5	N/A	28 VDC APPLIED TO COIL			

Use with Governors:
 210736 (869120-6,-7,-8,-9) 8210-260 (893615-13)
 210738 (893615-7,-12) 8210-100 (893615-17)
 210743 (897382-1) 8210-266 (893615-18)
 REMARKS: If governor is shipped without a lever, test
 with P/N 210039

*Applied to 210743 prior to "D" change only.
 Indicated pickup RPM (62)

TECHNICIAN	SIGNATURE	DATE
		2014-1-16
GARRETT PURCHASE ORDER # _____		
W.G. SALES ORDER # _____		

MAX WITH 3 TURNS IN = 85° AND 3762 RPM.