

AS RECEIVED

LEFT

CONSTANT SPEED PROP GOVERNOR - TEST REPORT
 Use with Governors 210560 (869120-1), 210563 (893615-3) (See Below)
 OIL INLET TEMP. 140 ± 5 DEG. F. OIL INLET PRESSURE 95 ± 10 PSIG

S/N 1118175
 P/N 8210-266

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.	6.8	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	470	0	0
4	C4 PUMP CASE PRESSURE b.	3500±15	3500	525 PSI MAX.	475		
5	C4 PUMP CAPACITY CHECK	3500±15	3500	150±5	150	9.0 MINIMUM	10.8
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	3855	150±5	150		
9	C8 MINIMUM RPM	2815±10	3521	150±5	150	USE	
10	C9 ARM TRAVEL - MAX. TO MIN.	55 DEG.-65 DEG.	105°	21°		BLEED 84°	
11	C10 INCREASE SPEED TO OBTAIN		3845	200±5	200	ORIFICE	
12	C10 INCREASE SPEED TO OBTAIN		3883	50±5	50		
13	C10 PRESSURE GAIN = PT12-PT11 20-40 RPM		38				
14	C11 DECREASE SPEED TO OBTAIN		3844	200±5 PSI	200		
15	C11 SPEED HYSTERESIS * PT11-PT 14 -15 TO +40 RPM		1				
16	C12 INTERNAL LEAK	AS REQUIRED	3818	150±5	150	NEW 1.40 MAX. O'HAUL 1.7 MAX.	1.1
17	C13 MAGNETIC PICKUP VOLTAGE	3700±10	3700	Adjust pickup to 4.5V±.2 peak-to-peak			4.7
18	C13 PICKUP INDICATED RPM	925±3*	925				
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
		2011-1-16
GARRETT PURCHASE ORDER #		
W.G. SALES ORDER #		

MAX WITH 3 TURNS = 97° AND 3756 RPM