

# Briggs & Stratton World Formula Tech. Worksheet

Driver\_\_\_\_\_

Handler\_\_\_\_\_

Class\_\_\_\_\_

Date\_\_\_\_\_

1. Carburetor Stock PZ26AG3\_\_\_\_\_
2. Idle Jet Marked 38 0.036 min/0.040 max\_\_\_\_\_
3. Main Jet Marked 96 0.090 min/0.010 Max\_\_\_\_\_
4. Carburetor adapter stock 55705 or 557130\_\_\_\_\_
5. Max valve lift at valve .3097\_\_\_\_\_
6. Timing 23 degree BTDC to 27 NTDC max\_\_\_\_\_
7. Head Gasket 0.041 min\_\_\_\_\_
8. Cylinder head stock unaltered \_\_\_\_\_
9. Valve seats 45 degrees only\_\_\_\_\_
10. Intake valve seat 0.965 min .0972 max. \_\_\_\_\_
11. Exhaust valve seat 0.844 min 0.850 max. \_\_\_\_\_
12. Valve 45 degrees only \_\_\_\_\_
13. Intake valve head 1.055 min 1.065 max exhaust valve 0.935 min 0.945 max.\_\_\_\_\_
14. Stem intake & exhaust 0.246 min 0.247 max.\_\_\_\_\_
15. Weight intake min. 29.26 grams exhaust 28.20 grams\_\_\_\_\_
16. Spring inner wire diameter 0.112 to 0.114 \_\_\_\_\_
17. Spring outer diameter 0.112 to 0.114\_\_\_\_\_
18. Rocker ball diameter 0.590 min 0.610 max.\_\_\_\_\_
19. Engine block bore 2.688 plus 0.005 max. \_\_\_\_\_
20. Stroke 2.193 to 2.204 max.\_\_\_\_\_
21. Fly wheel and red coil\_\_\_\_\_
22. Piston Stock pin hole to top of piston 0.685 to 0.686 max.\_\_\_\_\_
23. Weight complete piston, pin, clips, rings, rod and bolts 300 grams min.\_\_\_\_\_
24. Rings stock top and second ring 0 marked on top of ring.\_\_\_\_\_
25. Wrist pi stock 0.624 to 0.626 max\_\_\_\_\_
26. Rod length 2.419 to 2.429\_\_\_\_\_
27. Big end Small end\_\_\_\_\_
28. Crankshaft stock except gear drive\_\_\_\_\_
29. Crank journal 1.094 to 1.110 max.\_\_\_\_\_
30. Cam shaft stock profile in block\_\_\_\_\_
31. Tappets 0.969 to 0.976\_\_\_\_\_



