

Name: \_\_\_\_\_

NATOPS QUIZ - #1  
Limitations

1. Minimum  $N_f$  is \_\_\_\_\_. Maximum continuous  $N_f$  is \_\_\_\_\_.  $N_f$  overspeeds are determined on a \_\_\_\_\_ depending on \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
2. Idle gas producer ( $N_g$ ) rpm is \_\_\_\_ to \_\_\_\_ percent. The normal operating range is from \_\_\_\_ to \_\_\_\_ percent. A maximum transient of \_\_\_\_ percent is allowed for \_\_\_\_ seconds.
3. Illumination of the \_\_\_\_\_ caution light is common, while the \_\_\_\_\_ is at \_\_\_\_\_, after power off maneuvers.
4. Allowable fuel boost pressure is \_\_\_\_ to \_\_\_\_ PSI.
5. The rotor brake \_\_\_\_\_ be applied between \_\_\_\_ and \_\_\_\_%  $N_r$  during normal operations.
6. Maximum rate of climb airspeed is \_\_\_\_ KIAS.
7. Climbs and descent rates during flight in \_\_\_\_\_ conditions should not exceed \_\_\_\_\_ FPM.
8. Acceleration limits are \_\_\_\_\_ and \_\_\_\_\_ at maximum gross weight.
9. The minimum crew weight is \_\_\_\_\_.
10. List the prohibited maneuvers
  1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
  4. \_\_\_\_\_
  5. \_\_\_\_\_
11. List the required equipment for night flight:
  1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
  4. \_\_\_\_\_
  5. \_\_\_\_\_