

NPPL SLMG GENERAL SKILLS TEST (GST) NOTES

Unless otherwise indicated, the candidate under test will FLY the following:

1. PREPARATION FOR FLIGHT

- a. PAPERWORK
- b. AIRCRAFT EXTERNAL CHECKS
- c. FLYING CHECKS (Use of checklists)

2. STANDARD DEPARTURE (Use of radio if fitted)

3. CLIMB TO OPERATING HEIGHT (2500 Feet QNH MAX) – (Airmanship) (Turns every 500 feet)

4. LEVEL OUT – CHANGE OF ATTITUDE: Level to Glide - (APT)(PAT) – (LOOKOUT)
 Glide to Climb - (PAT) – (LOOKOUT)
 Climb to Level - (APT) – (LOOKOUT)

5. SELECT AND FLY TOWARDS AN OBVIOUS HEADING:

- a. 360 degree TURN (10 degrees BANK)(Approx Rate 1) – (Left/Right)
- b. 360 degree TURN (Max BANK) – (Left/Right)

6. SLOW FLYING CHECKS (HASSELL)(Update: **HELL** Checks)

7. STALL:

- a. LEVEL FLIGHT RPM – (Note speed at stall) – GLIDER Recovery
- b. IDLE RPM – (Note speed at stall) – POWER Recovery (minimum height loss)
- c. FULL POWER – (Note speed at stall) – STANDARD Recovery (beware of engine overspeed)
- d. APPROACH CONFIGURATION – CORRECT Recovery (Close Airbrakes/Spoilers, Pitch, Carb Heat, Power, **Speed**, then Wings Level)

8. EFFECT OF:

- a. SPEED 60 kts, (RYP); 70 kts (RYP); 50 kts (RYP) (**R**oll, **Y**aw, **P**itch)
- b. SLIPSTREAM 60 kts ENGINE IDLE (RYP); 60 kts FULL POWER (RYP)
- c. POWER 60 kts ENGINE IDLE; FULL POWER; (P + Y)

9. MAP APPRECIATION:

- JUDGEMENT OF HEADINGS
 - FLY STRAIGHT (Give heading)
 - ASSESS HEADING (Zero wind) TO DEFINED POINT
- either: - FLY HEADING (Accuracy) – MAKE ADJUSTMENTS
or: - FLY TO POINT (Accuracy) – MAKE ADJUSTMENTS

10. FLY A PRE PLANNED MINI GLIDER NAV EX – (Max: 3 x 10 nautical mile legs)

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11. ENGINE STOP/ START **(Minimum of 2000 feet)** - (Using ELECTRIC STARTER)
12. FIELD LANDING:- REASONS FOR
 - FIELD SELECTION - (Approach/Climb out paths)
 - ENGINE HANDLING
 - CHECKS
 - FINAL APPROACH (500 feet)(ANO) – SAFE CLIMB AWAY (EFATO)
13. COMPASS: - ACCELERATION & TURNING ERRORS
14. REJOIN: - (SIMULATED EMERGENCY)- (Checks)
15. NPPL NORMAL CIRCUIT
16. GO AROUND FROM APPROACH
17. ROLLER LANDING
18. EFATO: (approx 600 feet) - MINI GLIDE CIRCUIT
(Immediate / Subsequent actions)
19. EFATO: (approx 400 feet) - PARTIAL POWER LOSS - BAD WEATHER CIRCUIT
(simulated 600 feet cloud base)
20. FULL STOP APPROACH & LANDING - TAXY - PAPERWORK

NOTE: Operational reasons may dictate that items 15 – 20 are completed at the start of the sortie.