

AMS FLIGHT SCHOOL



Be Pilot In Command

Piper Apache Aircraft Exam

Name: _____ Date: _____

Instructor: _____ CFI #: _____ Exp: _____

Aircraft Make: PIPER Model: PA-23-235

Aircraft Engines: LYCOMING Model: O-540

LIMITATIONS:

Vr _____ Max Headwind Component @ AMS _____

Vso _____ Max Crosswind Component @AMS _____

Vs1 _____ Max Demonstrated Crosswind Component _____

Vfe _____ Oil Capacity _____

Va _____ @ 4800 lbs (Max Gross Weight) Minimum Oil _____

Vle _____ retraction _____ Total Usable Fuel _____

Vno _____ Minimum Fuel Grade _____

Vne _____ Fuel Color _____

Vmc _____ Zero Fuel Weight _____

Vx _____ Vxse _____ Maximum Baggage _____

Vy _____ Vyse _____

SYSTEMS:

1. Explain the gear indicator lights.

2. When does the red gear light in the landing gear control knob flash?

3. The landing gear and flaps are _____ actuated.

4. Where is the hydraulic pump located? Is there a backup pump/system?

5. What prevents gear retraction on the ground?

6. The Apache is equipped with a _____ speed _____ pitch propeller.

7. What is the governor and how does it work?

8. Explain the fuel system and how to crossfeed.

NORMAL OPERATION:

1. How many strokes of fuel prime are recommended for starting? _____

2. Why are full feathering checks on the ground not recommended?

3. What is the recommended take-off power setting after gear retraction?

4. What is the recommended cruise climb speed? _____

5. What RPM is recommended for maximum cruise performance? _____

6. Describe the leaning procedure as outlined in the EDM 760 Airplane Flight manual Supplement. _____

7. What is the recommended approach speed/power setting for a normal landing?

8. What keeps the prop from feathering while the engine is shut down?

9. The heater switch should be turned off _____ minutes before stopping the engines and shutting off the master switch.

10. When the navigation lights are on, the gear position lights are _____.

EMERGENCY PROCEDURES

1. What is the procedure for an engine power loss on take-off while on the ground?

2. What is the procedure for an engine power loss on take-off while climbing out?

3. What is the emergency gear extension procedure?

4. What is significant about the left engine power loss?

5. In the event the cabin door opens, what is the recommended procedure for closing it?

GARMIN GTN 650

- 1. How do you change between NAV/COMM and how do you change the frequencies for the NAV/COMM?**

- 2. What is the process for utilizing the ID function of the NAV?**

- 3. How do you use RAIM prediction?**

- 4. How do you switch the CDI between VLOC/GPS?**

- 5. How do you input an Instrument Procedure?**

- 6. How do you go Direct To an Airport?**

FOR INSTRUCTOR USE ONLY

PILOT MEETS CHECKOUT REQUIRMENTS? _____

CFI NAME THAT CONDUCTED CHECKOUT _____

CFI CERTIFICATE # AND EXPIRATION _____

PILOT TOTAL HOURS _____ **(MINIMUM 300)**

MULTI-ENGINE HOURS _____ **(MINIMUM 50)**

PA-23-235 HOURS _____ **(MINIMUM 10 WITHOUT AMS
INSTRUCTOR, 5 DUAL IN LIEU)**

**PILOT MEETS CURRENT INSURANCE
POLICY MINIMUMS FOR RENTAL?** _____