

USAF Academy Flight Training Center
 Cessna C-172 M/N/P & Cessna C-182 Q Emergency Procedures Closed Book Exam
 12 Oct 2023 – Answer Key

ENGINE FIRE DURING START

1. Cranking – CONTINUE
If Engine Starts:
2. Power – 1700 RPM
3. Engine – SHUTDOWN
If Engine Fails to Start:
4. Cranking – CONTINUE
5. Throttle – FULL OPEN
6. Mixture – IDLE CUT-OFF
7. Engine – SECURE

ENGINE FAILURE DURING TAKEOFF RUN

1. Throttle – IDLE
2. Brakes – APPLY

ENGINE FAILURE DURING FLIGHT

1. Airspeed – BEST GLIDE
2. Engine – RESTART IF APPLICABLE
If Engine Fails to Start:
3. Engine – SECURE

ENGINE FIRE IN FLIGHT

1. Mixture – IDLE CUT OFF
2. Fuel Shutoff Valve – PULL OUT (OFF)

ELECTRICAL FIRE IN FLIGHT

1. Master Switch – OFF
2. Avionics Power Switch – OFF

C-172 M/N/P*		C-182 Q	
V _A at Max Gross Weight	99 KIAS* / 97 KIAS	V _A at Max Gross Weight	111 KIAS
V _A at 2000 lbs*/1950 lbs	92 KIAS* / 89 KIAS	V _A at 2450 Pounds	100 KIAS
V _A at 1600 lbs	82 KIAS* / 80 KIAS	V _A at 1950 Pounds	89 KIAS
V _{FE} 10° Flaps	110 KIAS* 85 KIAS	V _{FE} 10° Flaps	140 KIAS
V _{FE} 10° - 30° Flaps	85 KIAS	V _{FE} 10° - 30° Flaps	95 KIAS
Best Glide Speed at Max Gross Weight	65 KIAS	Best Glide Speed at Max Gross Weight	70 KIAS

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Name/Date: _____

ENGINE FIRE DURING START

1.

If Engine Starts:

2.

3.

If Engine Fails to Start:

4.

5.

6.

7.

ENGINE FAILURE DURING TAKEOFF RUN

1.

2.

ENGINE FAILURE DURING FLIGHT

1.

2.

If Engine Fails to Start:

3.

ENGINE FIRE IN FLIGHT

1.

2.

ELECTRICAL FIRE IN FLIGHT

1.

2.

C-172 M/N/P*		C-182 Q	
V _A at Max Gross Weight		V _A at Max Gross Weight	
V _A at 2000 lbs*/1950 lbs		V _A at 2450 Pounds	
V _A at 1600 lbs		V _A at 1950 Pounds	
V _{FE} 10° Flaps		V _{FE} 10° Flaps	
V _{FE} 10° - 30° Flaps		V _{FE} 10° - 30° Flaps	
Best Glide Speed at Max Gross Weight		Best Glide Speed at Max Gross Weight	