

1. FMFA Ops Manual, Para 2.9. You are given the following: Usable fuel at takeoff = 36 gallons; Fuel consumption rate = 12.4 gal/hr; Groundspeed = 140 Kts; Flight time since takeoff = 18min. According to FMFA Regulations, how much farther can this airplane be flown under day VFR?
 - a. 294 NM
 - b. 224 NM
 - c. 189 NM
2. AC61-65E, 14 CFR § 61.1 and § 61.93 A student solo flight from Tipton (FME) to Laurel Suburban (W18) would require an instructor logbook endorsement, even though it is less than a 5 NM flight.
 - a. False, only a flight greater than 25 NM would require an endorsement.
 - b. True. When an instructor permits his/her student to make a solo cross-country flight, any solo flight greater than 25 nautical miles (NM) from the airport from where the flight originated, or make any solo flight and landing at any location other than the airport of origination, that student must have received the solo cross-country training and endorsements requirements of § 61.93. Additionally, unless there is an emergency, no student may make a solo flight landing at any point other than the airport where the student pilot normally receives training to another location unless that student has received the required solo cross-country training and endorsements of § 61.93.
3. FAA NOTAMS. Select the correct statement below regarding P40 (Check with FSS before all flights for its status)
 - a. Flight restrictions in the area of P40 always remains a radius of 5NM from the surface up to 5000' MSL
 - b. P40 may be overflown by FMFA aircraft on an IFR flight plan and clearance at an altitude of 5000' or greater when VIPs not present at P40 and P40 is in a "normal" configuration.
 - c. Flight restrictions in the area of P40 expand to a radius of 10NM and extend up to FL180 when VIPs are present and all GA operations within this airspace are prohibited.
 - d. both "b" and "c" are true statements
4. There is a TFR from the surface up to 3000' MSL around US Naval Academy during all home football games (1hr before to 1 hr after), as well as portions of May Graduation Week. a. True b. False
5. 14CFR §61.19 For student pilots who have received their medical certificate and (have not reached, have reached) their 40th birthday their student pilot certificate expires (___, ___) calendar months after the month in which it was issued.
 - a. 60, 24
 - b. 24, 12
 - c. 24, 60
6. 14 CFR § 61.23 A class III medical certificate expires ___ calendar months from the month in which it is issued
 - a. 24
 - b. 60, 24 if individual has reached his/her 40th birthday at date of examination
7. 14 CFR § 61.85 A student pilot certificate can only be obtained from an FAA Aviation Medical Examiner (AME).
 - a. True
 - b. False, it can also be obtained from a FAA Examiner or the Baltimore FSDO
8. 14 CFR § 61.31 Is a High Performance logbook endorsement required for flight in FMFA's T41C aircraft?
 - a. Yes b. No

9. 14 CFR § 61.31 Is a Complex logbook endorsement required for flight in FMFA's PA28R-201 aircraft?
a. Yes B. No
10. 14 CFR §61.51 A student pilot on a solo flight must carry: (1) his student pilot's certificate; (2) his student medical certificate; (3) his pilot logbook; (4) photo ID. a. True c. False
11. 14 CFR § 61.56(a) Except as provided in paragraphs (b) and (f) of this section, a flight review consists of a minimum of 1.0 hours of flight training and 1.0 hours of ground training. a. True b. False
12. MD ANG at MTN. A-10 and/or C-130 aircraft stationed at Martin State Airport assigned to the Maryland ANG will frequently fly over the Chesapeake Bay and/or Eastern Shore areas at or below FL050. a. True b. False
13. AR 215-1 App M. Student pilots must demonstrate proficiency at least once every 90 days by performing a dual instructional flight and landing to the satisfaction of their flight instructor. a. True b. False, every 30 days
14. RAVNN ONE Arrival, ADW TACAN RWY 1R&L/19R&L Instrument Approach Procedures. High performance turbojet aircraft such as KC-135, C-141, C-17, KC-10, B-747, B-737, B-757 aircraft may loiter in the vicinity of DEALE INTERSECTION in preparation for landing at Andrews AFB (ADW), Martin State Airport (MTN), and BWI Airport. a. True b. False
15. FMFA Ops Manual Para 2.9. Upon landing at the destination or alternate airport on any VFR or IFR flight in a FMFA aircraft there must be sufficient fuel remaining in the tanks to fly for one hour at normal cruise power. a. True b. False
16. FAA NOTAMS. Any of the FMFA T41C aircraft can penetrate the Flight Restricted Zone (The FRZ, which consists of all airspace from the surface to FL180 within a roughly circular 15 NM radius of the DCA VORTAC) since they are USAF (DoD) aircraft. a. True b. False
17. § 61.57 and FMFA Operations Manual. No FMFA instrument rated pilot may act as pilot in command under IFR or in weather conditions less than the minimums prescribed for VFR, unless within the preceding 6 calendar months, that person has met the requirements of § 61.57 as well as had a FMFA Instrument Check with an instrument current FMFA CFII during the last twelve calendar months.
a. True b. False
18. FMFA Ops Manual, Attachments 4 and 5, respectively. Instrument pilots must receive a separate GX60 or GNS430 GPS Checkout in order to file an IFR Flight Plan in FMFA Aircraft equipped with the GX60 or GNS430, respectively. a. True b. False
19. Operations Manual. Each FMFA pilot must undergo a STANDARDIZATION / ANNUAL Checkride in the most complex FMFA aircraft he/she is checked out in (As of 30JAN07 this is, in order of complexity: Arrow, T41C, C172P, C152) a. True b. False
20. § 61.109 A person who applies for a private pilot certificate with an airplane category and single-engine class rating must log at least ___ hours of flight time that includes at least ___ hours of flight training from an authorized instructor, ___ hours of solo flight training, including ___ hours of solo cross country.
a. 40, 20, 10, 5
b. 40, 30, 20, 10
21. § 61.83, § 61.103, § 61.123. To be eligible for ASEL student pilot, private pilot, commercial pilot certificates, a person must be (respectively):
a. 17, 18, 19
b. 15, 16, 17
c. 16, 17, 18
22. Given the following: METAR KBNA 1250Z 33018KT 290V360 1/2SM R31/2700FT +SN BLSNFG VV008 00/M03 A2991 RMK RAE42SNB42. KBNA is presently experiencing:
a. northwesterly winds, low visibility due to rain, snow, and fog

- b. northwesterly winds, low visibility due to snow and fog
23. § 61.89 and AR215-1, Appendix M. Minimum visibility requirements for student pilots are ___ sm and ___ ft during daylight hours and ___ sm and ___ ft during night time hours.
- a. 3, 1000, 5, 1500
- b. 3, 1500, 5, 2500
24. § 61.195 A flight instructor endorsing a CFI-A applicant must have held a CFI-A rating for at least ___ years prior and have given at least ___ hrs of flight instruction in airplanes.
- a. 1, 100
- b. 2, 200
25. Pvt PTS, Task VIII, Power On Stalls. The applicant will select an entry altitude that allows the task to be completed no lower than _____ feet. The applicant will establish the takeoff or departure configuration and set power to no less than ___ percent available power. The applicant will maintain a specified heading ± 10 degrees, in straight flight or a specified angle of bank not to exceed 20 degrees, ± 10 degrees.
- a. 1500, 75
- b. 1500, 65
26. FAA CFI Written. The primary purpose of practicing operations at reduced airspeeds is to enable students to
- a. safely fly airport traffic patterns at various airspeeds.
- b. develop proficiency in flying “behind the power curve” flight regime
- c. develop proficiency in their sense of feel and their ability to use the controls properly at various airspeeds.
27. FMFA pilots departing Tipton on an IFR flight plan can squawk 1200 until picking up their IFR clearance in the air from POTOMAC TRACON.
- a. True
- b. False (On Oct 19, 2006, an aircraft departed Tipton squawking 1200 and shortly thereafter crashed and burned, killing the two people onboard, attempting to return to Tipton after receiving notice that he had violated the DC ADIZ by squawking 1200 within it.)
28. FAA CFI Written. Many experienced pilots have fallen prey to dangerous tendencies or behavior problems at some time. Some of these dangerous tendencies or behavior patterns which must be identified and eliminated include
- a. deficiencies in instrument skills and knowledge of aircraft systems or limitations.
- b. peer pressure, scud running, loss of situational awareness, and operating with inadequate fuel reserves.
- c. performance deficiencies due to stress from human factors such as fatigue, illness, or emotional problems.
29. AR 215-1 App M. Student pilots are prohibited from performing solo touch and go landings unless authorized by a properly FAA-certificated FMFA instructor. a. True b. False
30. AR 215-1 App M pg 209. Stalls, steep turns with banks of over 45 degrees, slow flight, and unusual attitudes are not to be performed below 1500 feet AGL except for maneuvers that are performed for pilot certification. a. True b. False
31. Each FMFA pilot who passes a PRIVATE ASEL or INSTRUMENT AIRPLANE or COMMERCIAL ASEL FAA Practical Test will be given credit for a FMFA STANDARDIZATION / ANNUAL Checkride in that aircraft and/or for passing the FMFA INSTRUMENT Checkride in that aircraft. A checkout form will be filled out by the pilot’s instructor after the successful FAA Checkride giving the pilot credit for the flight as a FMFA Checkride. In conjunction with this, the FMFA pilot will also execute all LOCAL, FAR, appropriate Aircraft and

Instrument (if the practical test was for INSTRUMENT AIRPLANE) FMFA tests as appropriate and/or necessary.

- a. True b. False

32. TSA Requirement. The instructor will insure that each of his students present their birth certificate, or US Passport, or other verification documents as specified by the TSA in 49 CFR §1552.3(h) prior to any ground or flight instruction to a student for private, instrument, commercial, ATP, CFI-A, CFII-A in FMFA aircraft. The instructor must then comply with one of the following two options:

1. Make an endorsement in both the instructor's logbook, or other record used by the instructor to record flight student endorsements, and the student's logbook with the following:

"I certify that [insert student's name] has presented me a [insert type of document presented, such as a U.S. birth certificate or U.S. passport, and the relevant control or sequential number on the document, if any] establishing that [he or she] is a U.S. citizen or national in accordance with 49 CFR §1552.3(h). [Insert date and instructor's signature and CFI number.]"

2. Keep a copy of the documents used to prove citizenship for five years.

- a. True b. False

Corrected by _____