

WINFC ANNUAL AERONAUTICS EXAM
(BUPERSINST 1710.22 paragraph 416b)

Air Operations Manual Chapter 9

1. The WINFC local flying area is 50 nm radius of NUW and 30 nm radius of SEA, including Canadian airspace. Local flights are considered VFR round robin flights of 5 hours or less within the WINFC local flying area and shall be filed and approved at the WINFC Club House. True / False
2. Cross country flights are any flights more than _____ hours or any flight out of the WINFC _____. If you are flying a cross country flight you must:
 - a. File a flight plan with NAS Whidbey Ops at least _____ min prior to departure.
 - b. _____ and _____ your own flight plans when operating at points other than military fields.
 - c. Activate a _____ prior to returning to Whidbey Island.
3. When short field arresting gears are de-rigged the additional portion of the runway may be used. True / False.
4. Taxiway Bravo is 3000 feet long and may only be used for VFR operations any time. True / False
5. All departures to the south must request flight following. True / False.
6. Aircraft will maintain runway heading until cleared to turn however, clearance for take off with a North or South departure is considered clearance to turn at pilot's discretion. If the tower instructs "start your turn now", what is the maximum angle of bank to be used until a safe altitude is obtained?
 - a. 30 degrees
 - b. 60 degrees
 - c. 10 degrees
 - d. 15 degrees
7. Maximum height after take off until north of "Cornet Bay" or south of "Sunset Beach" is: _____ feet _____.
8. All arrivals will monitor ATIS (134.15) prior to contacting Whidbey Approach or tower and will:
 - a. Contact the Control Tower 127.9 at least 5 miles prior to entering Class C surface area airspace.
 - b. Advise if a solo student.
 - c. Include direction and range from the field.
 - d. All of the above.

9. VFR holding patterns are:

Cornet Bay: _____ and _____ hold North and East of Benure Island at 1200 feet MSL. Descend to _____ feet MSL when cleared inbound for landing.

Monkey Hill: Hold north and east of the intersection of Monkey Hill road and Troxell road at _____ feet MSL day and _____ feet MSL at night.

Sunset Beach: Hold over water, _____ and _____ of Sunset Beach at _____ feet MSL day and _____ feet MSL at night

Golf Course: Hold over the golf course _____ of Rocky Point at 800 feet MSL _____ and 1000 feet MSL _____.

10. What should you do if you lose radio communications?

- a. Prior to establishing radio contact with the tower proceed to closest usable airport and call the ATCF watch supervisor (360) 257-2887/3385 to coordinate a no-radio entry.
- b. After establishing radio contact with the tower set the transponder to 7600 proceed to Monkey Hill or the Golf Course and await instructions via light gun from the tower.
- c. If no signals received from the tower within 5 minutes proceed to the closest usable airport and call the ATCF watch supervisor.
- d. All of the above.

11. WINFC aircraft may not conduct flight operations during airfield closure unless approved by NAS operations officer and are conducted between sunrise and sunset in VFR conditions only. True / False

12. What are the four established training areas for WINFC.

1. _____
2. _____
3. _____
4. _____

13. Operational aircraft “break” at _____’MSL and fly a pattern of _____’MSL during the day. The night “break” and pattern are both _____ feet higher. (see illustration 3)

WINFC SOPS

1. If a member cancels a flight for whatever reason including bad weather they are responsible for:
 - A. Ensuring their names are removed from the schedule.
 - B. Notifying their CFI.
 - C. If cancelled for mechanical reasons they should write a downing gripe.
 - D. All of the above.

2. If an aircraft is “downed” you as the member need to:
 1. _____
 2. _____
 3. _____
 4. _____

3. The oil levels should be checked by removing the dip stick and if cold, reading the level. If the oil is hot, wiping the dip stick clean, replacing it screwing it all the way in before reading the level. The dip stick should also be replaced only “finger tight” True / False

4. Individuals who do not “down” an aircraft after a suspected hard landing and do not report it will void their insurance contract. They will also be held liable for up to \$1000 damage that may have resulted from that landing. True / False

5. Position lights shall be on from _____ to _____ in accordance with FARs. Landing/Taxi lights shall be on from takeoff, until _____ after landing.

6. Requirements for Night flying. To fly from 30 minutes after sunset until 30 minutes before sunrise a club pilot must:
 - A. Have over 100 pilot hours.
 - B. Be instrument rated or have received adequate instrument training.
 - C. Satisfactorily complete the WINFC Night Checkout.
 - D. All of the above

7. To be day current in an aircraft a pilot must have attended a safety meeting within 2 months, satisfied all items listed on the WINFC flight plan and flight clearance authority checklist and:
 - A. Have completed the aircraft knowledge exam and the annual WINFC check ride in an aircraft of equal or greater complexity within the preceding 12 months.
 - B. Completed 3 day take offs and landings in that aircraft within the preceding 60 days.
 - C. Any combination of the PA140 or the Arrow maybe used however 3 take offs and landings must be performed in the PA140 within the previous 180 days.
 - D. All of the above.

8. For single-engine fixed gear aircraft ____ PIC hours are needed in _____ and _____ to carry passengers or to leave the _____.

9. To allow for greater payload aircraft shall be fuelled after each flight as follows:
 Cessna 172- _____ PA 140/180- _____
 T34- _____
10. Non-member passengers picked up away from NUW must have a _____ signed and dated for that particular flight on file at the Club or in the mail _____ to any person flying in a Club aircraft.
11. Members who hold a Self Clearance Authority may only clear _____ for _____ flights only. Cross country flights must be cleared with approval of _____ and _____.
12. All Club aircraft must land with the FAA minimums for fuel of 30 min day and 45 min night. True / False
13. A Club member shall be in command of Club aircraft at all times and he will always occupy the left or front seat. Right or rear seat operations are only authorized for members under training to become a CFI and then only when the other seat is occupied by another member current in the aircraft. True / False.
14. Weather minimums are based on actual weather for rated pilots and actual and forecast weather for student pilots and are (day VFR) 1500/3 rated pilots and 2500/5 student pilots (SOP68). Weather briefs shall be obtained for all flights. Acceptable briefs for rated pilots:
- Rated pilots must obtain a weather brief from FSS for all flights.
 - Weather vision TV for all flights.
 - May use either FSS or USN services.
 - All of the above.
15. WINFC operates under the BUPERSINST 1710.22 “_____ - _____ - _____ - _____” rule for payment of all services.
16. Pilots out of currency in aircraft takeoff and landings (day or night) or IFR minimums shall take a flight check with a CFI to regain their currency. True / False
17. “Hand-propping” the engine is permitted for experienced pilots only. True / False
18. Straight-in-landings are authorized at non-towered airports. True / False
19. Taxi speed over arresting gear shall be no faster than a _____ . If you hit a donut, _____ the aircraft and make a _____ inspection of the landing gear. Advise tower or ground control of the situation and request clearance to secure the engine _____ to shutting the engine down.
20. Aircraft will not land at airfields with operating surfaces less than 1500 feet or less than the sum of the aircraft take off and landing distances (whichever is the greater) or on gravel runways. True / False

FAR/AIM

1. A Class 3 medical will expire at the end of:
 - A. The 24th month after the month of the date of the examination shown on the certificate no matter the age of the applicant at the time of the examination.
 - B. The 24th month after the month of the date of the examination shown on the certificate if the person has reached his or her 40th birthday on or before the date of examination.
 - C. The 60th month after the month of the date of the examination shown on the certificate if the person has not reached his or her 40th birthday on or before the date of examination.
 - D. B and C.

2. If holding at Monkey Hill you see a flashing green light from the tower followed by a steady green at the proper time what has happened and what should you do?
 - A. Nothing someone is just testing the Tower lights.
 - B. Check your radios, if failed set 7600 and proceed directly to the runway in use for landing.
 - C. Ignore it and continue holding.
 - D. Return to Cornet Bay.

3. What documents are required to be on board an aircraft prior to flight:
A _____
R- _____
O- _____
W- _____

4. To operate in Seattle Class B airspace you must receive ATC clearance prior to entering and:
 - A. Have your transponder on (within 30 nm).
 - B. Hold at least a private pilot certificate.
 - C. If a Student Pilot have a CFI endorsement within 90 days of the flight specifically for Seattle Class B airspace. (FAR 61.94 and 61.95)
 - D. All of the above.

5. Scanning the sky for other aircraft is a key factor in collision avoidance. Some of the recommended procedures for visual clearing procedures include:
 - A. Scanning the approach area for traffic prior to entering the runway.
 - B. Avoid descending into traffic patterns.
 - C. Raising or lowering the wing to look into the turn prior to maneuvering.
 - D. All of the above

6. Fill in what the light gun signal meanings:

Light-	On Ground-	In Air-
Steady Green:	_____	_____
Steady Red:	_____	_____
Flashing Red:	_____	_____
Alternating Red/Green:	_____	_____

7. If you have to ditch the AIM recommends:

- A. Avoid the face of the swell
- B. Touchdown at lowest speed
- C. Touchdown at optimum nose up angle
- D. All of the above

8. How often must the transponder be tested and inspected? _____

9. What is the minimum safe altitude that an aircraft may be operated over a congested area of a city? _____

10. **Circle** the instruments and equipment listed below that are **required** for VFR Day flight:

- | | |
|--------------------------|-----------------------|
| 1. Oil Temperature Gauge | 6. GPS |
| 2. Radio | 7. Seatbelts |
| 3. Magnetic Compass | 8. Landing light |
| 4. Fuel Gauge | 9. Attitude Indicator |
| 5. Airspeed Indicator | 10. Heading Indicator |

11. What minimum weather conditions are required when conducting VFR flight operations within class C airspace?

12. What is considered standard for traffic pattern altitude?

Pilot _____ CFI _____ Date _____