CAP PILOT FLIGHT EVALUATION - AIRPLANE

DATE OF CHECK:

CIT TIEGITE CITE E (TECTITE)	11111111111111		21112 01 0	TILCIL.		
MEMBER'S NAME (print or type)	CAP MEMBER EXP I	OATE	CHARTER NO	AIRCRAFT		
TYPE CHECK: (Check all satisfactorily completed	d flight checks)					
	-Engine	In	strument			
Annual Standardization Cadet Orientation			Other			
Instructor/Check PilotNight	Orientation					
	INSTRU					
Sections I and II may be completed separately with						
indicating S - Satisfactory, U - Unsatisfactory or V maneuvers need not be accomplished at the discreti						
of wing commanders or higher. Pilots are evaluated						
judgment, and mastery of the aircraft. Failure to m	neet the standards of perfo	rmance f	or any task performed will result in	n an unsatisfactory evalu	iation.	
Tolerances specified in the appropriate FAA Practic Individuals holding an instrument rating or ATP ce	cal Test Standards represe rtificate are required to de	ent the mi	nimum performance expected in ge e instrument proficiency on a CAP	ood flying conditions. F 5 flight check or be re	estricted	
from exercising instrument privileges on CAP fligh	t activities.	monstrat	e modulinent proneiency on a Crit	1 5 mgm eneck of 50 ic	stricted	
I. ORAL DISCUSSION		VII.	INSTRUMENT REFERE	NCE MANEUVE	RS	
A. CAPF 5 Written Exam		A. Straight & Level Flight				
B. Review CAPR 60-1 & Supplement	nts	B.	Constant Airspeed Climbs			
C. Review Flight Release Procedures	S		Constant Airspeed Descent	S		
D. Review CAPF 9 Requirements		D.	Turns To A Heading			
E. Local Procedures		E.	Unusual Flight Attitudes			
II. PREFLIGHT PREPARATION	_	F.	Radio Nav & Radar Service	es		
A. Certificates & Documents			FLIGHT AT CRITICAL	LY SLOW AIRSP	PEEDS	
B. Obtaining Weather Information			Full Stalls - Power Off			
C. Determine Weight & Balance		В.	Full Stalls - Power On			
D. Determine Takeoff Performance		C. Maneuvering At Crit Slow Airspeed				
E. Determine Cruise Performance		D. Constant Altitude Turns				
F. Determine Landing Performance						
G. Cross-country Flight Planning		IX. GROUND REFERENCE MANEUVERS				
H. Airplane Systems		A. Rectangular Course				
I. Aeromedical Facts Understanding		B. S - Turns Across A Road				
III. GROUND OPERATIONS		C. Turns Around A Point				
A. Visual Inspection		X. NIGHT FLIGHT OPERATIONS				
B. Cockpit Management			Preparation & Equipment			
C. Starting Engines		B. Night Flight Procedures				
D. Taxiing		C. Factors Essential To Night Flight				
E. Pre-takeoff Check		D. Airplane & Airport Lighting				
F. Takeoff Briefing		XI. EMERGENCY PROCEDURES				
G. Post-flight Procedures			Emergency Approach & La			
IV. AIRPORT & TRAFFIC PATTER			System & Equipment Malf			
A. Radio Comm & ATC Light Signal			POH Bold Face Knowledge	e		
B. Surface and Traffic Pattern Operat			Emergency Descent			
C. Airport & Runway Markings & Lighting		XII. APPROACHES & LANDINGS				
V. TAKEOFF & CLIMBS			Normal Approaches and La			
A. Normal Takeoff & Climb			X-wind Approaches and La	andings		
B. Crosswind Takeoff & Climb			Forward Slips to Landing			
C. Short-field Takeoff & Climb		D. Go-around				
D. Soft-field Takeoff & Climb		E. Short-field Approach & Landing				
VI. CROSS-COUNTRY FLYING		F. Soft-field Approach & Landing				
A. Pilotage & Dead Reckoning			SAFETY AWARENESS		ı	
B. Radio Navigation			Clearing Turns and Collision			
C. Diversion			Vigilance, Risk Manageme	ent & Judgement		
D. Lost Procedures		С.	Fuel Management		1	

XIV. INSTRUMENT PROFICIENCY	F Determine V	Veight & Balance				
A. Ground Prep (WX, AC systems, Flt Plan)		•				
B. Air Traffic Procedures		G. Normal & Crosswind Takeoffs H. Normal Climbs				
C. Compliance with ATC Clearances		I. Maximum Performance Takeoff & Climb				
D. Holding Procedures		ically Slow Airspeed				
E. Flight By Reference to Instruments	K. Emergency					
F. Recovery from Unusual Attitudes	<u> </u>	& Equipment Malfunctions				
G. Intercept & Tracking (VOR & NDB)	· / ·	gine Operation				
H. Instrument Approach Procedures	(3) Engine Failure/Takeoff Below VMC					
ILS/MLS Approach		Failure/After Liftoff				
VOR/VORTAC Approach		Failure/En Route				
NDB Approach		Out Maneuvering				
Circling Approach	` / •	ch & Landing				
Missed Approach		ım Controllable A/S Demo				
XV. MULTI-ENGINE PROCEDURES		ent Flight Procedures				
A. Airplane Systems and Operation		gle-engine Precision Approach				
B. Use of Minimum Equipment List		gle-engine Non-prec Approach				
C. Determine Takeoff Performance		gle-engine Circling Maneuver				
D. Determine Cruise Performance		1 & Xwind Approach/Landing				
E. Determine Landing Performance	(11) Go-aro	11 &				
REVIEW OF CERTIFICATES AND DOCUMENTS (VERIFIED BY CHECK PILOT) FAA Pilot Certificate No: FCC Radio Telephone Permit Date (If Applicable): FAA Class Medical, Issue Date: FAA BFR DATE: I certify that I have read and understand all applicable FAA, CAP, and state regulations pertaining to flying subject aircraft. I acknowledge any restrictions or training requirements stated above. I also understand that maintaining currency, recurring requirements, and compliance with applicable directives is my personal responsibility. DATE						
DATE: FLIGHT TIME: EVALUATOR'S NA	ME & CERT NO:	EVALUATOR'S SIGNATURE:				
NAME & GRADE OF UNIT OPERATIONS OFFICER:	SIGNATURE:	DATE:				

STATEMENT OF UNDERSTANDING 1 January 1992

In order to fly CAP aircraft, I understand I must n	neet Federal Aviation Administration and CAPR 60-1, Flying, CAP Flight
Management, requirements. I understand that the	ese directives are changed from time to time and it is my responsibility to
know and comply with these changes. I also unde	erstand that violation of these requirements may result in action being taken
against me under the provisions of CAPR 60-1 ar	nd CAPR 62-2, Safety, Mishap Reporting and Investigation. I understand
the provisions of CAPR 62-2 and CAPR 900-5, The	he CAP Insurance/Benefits Program, regarding liability for damage to CAP
property.	
Signature	Date

NOTE: A copy of this statement will be retained in the pilot's flight records.

AIRPLANE QUESTIONNAIRE

Name	_ Grade	CAPSN	Unit	Date
Check Pilot	_ Grade	CAPSN	Score	Type/Model Acft
Complete this open book question				
part of a question is not applicab				
Minimum passing score is 80%. T	he completed qu	uestionnaire will be fi	led in the pi	lot's flight records.
1. Approved fuel grades and colo	rs are:			
 Location/capacity of each fuel 	tank is:			
3. Total usable fuel under all flight	nt conditions is	gallons.		
4. Endurance at 75% power, 7,50			e is	hours.
5. What make and grade oil is use	ed? Winter	Summer		_
6. Oil capacity is quarts	. Minimum oil	quantity for takeoff is	qı	uarts.
7. Minimum oil pressure is	psi. Maxim	um oil pressure is	psi.	
8. Maximum oil temperature is	degrees	(F or C)		
9. Magnetos are checked at	RPM. RPM	I drop should not exce	ed	_ RPM on
either magneto or RP	M differential b	etween magnetos.		
10. Maximum RPM and MP for ta				_
11. Maximum gross takeoff weigh	t is poi	unds. Empty weight i	s r	oounds.
Useful load is pounds	. Maximum lar	iding weight is	pounds.	
12. Baggage compartment location				
13. Give the IAS at maximum gros	ss weight for:			
a. Va (maneuvering speed)b. Vso (stall, landing config, p	aver off)			
c. Vs1 (stall, cruise config, po				
d. Vy (best rate of climb, sea l	,			
e. Vx (best angle of climb, sea				
f. Vmc (minimum control spe	,	ne only)		
g. Best glide speed	ou man ongm			
14. Give the immediate action/mer	nory items for:			
a. Engine failure immediately	•			
b. Fire during cranking and en	gine fails to star	rt:		
c. Engine fire in flight:				
d. Electrical fire in flight:15. Normal takeoff flap setting is				
15. Normal takeoff flap setting is _	, short fie	eld takeoff setting is _	, and	soft field takeoff flap setting
1S				
16. Maximum demonstrated takeo	-			
17. Given: $PA = 4,000$ feet; Temp		ray 27; Wind 320° at	14 knots; ru	nway is paved, level, and dry;
aircraft is at maximum takeoff				
Find: Total takeoff distance to	clear a 50-foot	obstacle	<u>.</u> •	
18. Given: $PA = 6,000$ feet; Temp	$= 68^{\circ} \text{ F; wind}$	calm; runway is pave	d, level, and	dry; aircraft is at maximum
landing weight.				
Find: Total landing distance to	clear a 50-foot	obstacle	_•	
19. Landing runway 22; wind 1906	at 22 gusting t	o 30 knots. Will the r	naximum de	emonstrated crosswind
component for this aircraft be				

ANNUAL CAP FORM 5 WRITTEN EXAMINATION - AIRPLANE 2003

(PREVIOUS TESTS ARE OBSOLETE)

Circle the correct answer

- 1. What are the minimum standards for CAP flight operations? (CAPR 60-1, introduction)
 - a. CAPR 60-1.
 - b. FAA requirements and CAPR 60-1 when higher standards exist.
 - c. CAPR 60-2.
- 2. Which statement is correct? (CAPR 60-1, paragraph 1-2.)
 - a. Since CAP is federally funded, the right to operate CAP aircraft is guaranteed by Congress.
 - b. The authorization to operate CAP aircraft is a privilege, not a right.
 - c. The USAF authorizes the right to fly CAP aircraft.
- 3. Who may charge for ground or flight training/flight checks in CAP aircraft? (CAPR 60-1, para 2-1)
 - a. Only CAP flight instructors.
 - b. No one.
 - c. Designated pilot examiners when conducting a practical test for issuance of an FAA pilot certificate or rating.
- 4. Which of the following is a prohibited use of CAP aircraft? (CAPR 60-1, paragraph 2-4.f.)
 - a. Flying in an air show with authorization in writing by the Executive Director.
 - b. Formation flying unless authorized in writing by the region commander or the Executive Director (except low-level route surveys flown with a minimum of one-half mile spacing and wing commander approval).
 - c. Assistance to law enforcement officers.
- 5. Can a pilot who is involved in an aircraft mishap while on a CAP flight activity participate as a mission observer in subsequent missions while waiting for the results of the mishap investigation? (CAPR 60-1, paragraph 2-10.)
 - a. Yes, as long as he is not the pilot-in-command.
 - b. No, he may not participate in any CAP flight activity.
 - c. Yes, with the Region Commanders written authorization.

- 6. Can a CAP pilot who violates CAP flying directives or FARs have His/her CAP flying privileges permanently revoked and be subject to loss of CAP membership? (CAPR 60-1, paragraph 2-11.e.)
 - a. Yes.
 - b. Only if he/she has had two or more incidents, as defined by FAR part 830, which involved gross negligence of the pilot.
 - c. Only flying privileges can be revoked.
- 7. CAP pilots found at fault in a fuel exhaustion mishap shall (CAPR 60-1, para 2-11.f.)
 - a. be mandated to answer in writing to the Wing Commander as to the reason for the violation.
 - b. have their flying privileges temporarily suspended.
 - c. lose their CAP flying privileges permanently.
- 8. What is the crosswind limit for an aircraft with a POH that does not specify a maximum demonstrated crosswind figure? (CAPR 60-1, paragraph 2-16.)
 - a. 14 knots.
 - b. 12 mph.
 - c. 15 knots.
- 9. CAP has two exemptions granted by the FAA. Where in CAPR 60-1 may additional information be found about these exemptions? (CAPR 60-1, Attachments)
 - a. Attachment 1.
 - b. Attachment 2.
 - c. Attachment 3.
- 10. What must you prove prior to beginning a CAPF 5 check ride? (APR 60-1, paragraph 3-5)
 - a. You are qualified in the specific aircraft.
 - b. You have FAA passenger carrying proficiency in category only.
 - c. You have FAA passenger carrying proficiency in category and class of aircraft used during the check ride.

- 11. The minimum level of proficiency acceptable is that contained in the current FAA PTS for the certificate (CAPR 60-1, paragraph 3-5.)
 - a. held.
 - b. being exercised.
- 12. You are transferring into a new Wing. Can the Wing Commander force you to take an additional CAPF 5 check ride? (CAPR 60-1, paragraph 3-5.j.)
 - a. Yes, the gaining Wing Commander may require a re-evaluation of your pilot skills.
 - b. No, a CAPF 5 check ride is valid across all of CAP and re-evaluation of your skills is only required if you have an accident.
 - c. Yes, but only if the Wing Commander suspects lack of proficiency.
- 13. You are a New Mexico CAP pilot living next to the Colorado border and want to take your CAPF 5 with a check pilot who is a member of the Colorado wing located only three miles from your unit. What approval if any must be obtained? (CAPR 60-1, paragraph 3-5.i.)
 - a. Approval from the Colorado Wing Standardization and Evaluation Officer.
 - b. No approval is necessary.
 - c. Approval from the New Mexico Wing Standardization and Evaluation Officer.
- 14. After flying for CAP as a non-mission pilot for 1 1/2 years you have decided to work on your instrument rating. Can your flight be released as an AF authorized mission (B-99)? Can you pay a CAP instructor pilot to give you instruction? (CAPR 60-1, paragraph 3-6b.)
 - a. Yes, if he is a FAA designated examiner.
 - b. No, flight instruction has to be donated and the mission may be released as an Air Force authorized flight.
 - c. No, the flight instructor cannot be compensated and the mission cannot be flown as an Air Force authorized flight.
- 15. You are a CAP senior member who holds an FAA recreational pilot certificate. Can you obtain flight training in a CAP aircraft toward a private pilot certificate? (CAPR 60-1 2-4.j.)
 - a. Yes, if you have been an active member of CAP for over one year.
 - b. Yes, if you have been appointed and functioned as a transport pilot for a minimum of 100 hours.
 - c. No, instruction for FAA recreational pilots is considered powered student pilot instruction, which is prohibited for CAP senior members.
- 16. You just received your initial CAPF 5 flight check in your Cessna 175. Can you fly your buddy's Cessna 172 (160 hp) at the upcoming SAR evaluation without an initial flight check in the aircraft? (CAPR 60-1, Table 3-1, notes)
 - a. No, an initial check ride has to be completed in each type of aircraft.
 - b. No, the Cessna 175 is in group 1 and the Cessna R172 is in group 2.
 - c. Yes, an initial check ride in the Cessna 175 always satisfies the initial check ride requirement for the C-172.

- 17. Your annual check ride is due on the 31st of the month and you have scheduled a check ride at a wing sponsored check ride clinic to be held on the 25th of the month. Who must ensure the flight release is obtained for the check ride. (CAPR 60-1, paragraph 4-1.)
 - a. The flight clinic organizer is responsible for the flight release.
 - b. Since the check pilot is the pilot-in-command, he/she has to obtain the flight release.
 - c. The pilot-in-command must obtain the flight release.
- 18. Can a CAP-USAF Flight Examiner give a CAP check pilot a CAPF 5 check ride? (CAPR 60-1, paragraph 3-5.d.)
 - a. Yes.
 - b. No.
- 19. When CAPR 60-1 is changed, how can you note the changes? (CAPR 60-1, Introduction)
 - a. Shaded areas identify new and revised material.
 - b. In the summary of changes.
 - c. An asterisk denotes each change.
- 20. Can a pilot take an annual CAPF 5 check ride from the same check pilot three years in a row? (CAPR 60-1, 3-5.c.)
 - a. Yes.
 - b. No.
 - c. Yes, but only with your Wing Commander's written approval.
- 21. Must the Statement of Understanding be accomplished yearly? (CAPR 60-1, attachment 1)
 - a. Yes.
 - b. No.

ADMINISTRATION OF CAPF 5/5G FLIGHT CHECKS

CAPR 60-1 requires specific actions and steps be taken for the successful completion of a CAPF 5 flight check. The following guidelines are provided to assist in the administration of CAPF 5 flight checks. Their purpose is to standardize the administration of flight checks throughout CAP, enable all check pilots and applicants to clearly understand what is expected of them during a flight check.

1. Advance Preparation. The applicant shall:

- **a.** Unless satisfactorily accomplished as part of CAPF 5 flight check within the preceding 12 months, complete the CAPF 5 written examination.
- (1) This examination is a take home, open book review of FAA and CAP flight procedures. The applicant is expected to refer to the applicable regulations and procedures in accomplishing this examination.
- (2) The completed and graded examination (80% minimum score required) is presented to the check pilot who will administer the remainder of the flight check. The flight check must be accomplished within 90 days of the date on which the written examination is completed. The examination may be taken on-line from the NHQ CAP web site.
 - **b.** Obtain a blank CAPF 5 and complete the identifying information.
- **c.** For an annual standardization flight evaluation, complete an airplane or glider questionnaire for all aircraft (within category) the CAP pilot is authorized to fly. Other evaluations require a completed aircraft questionnaire for the aircraft used during the flight evaluation.
- **d**. The applicant must provide proof of FAA passenger carrying proficiency [as stated in FAR 61.57(a)(1)] in category and class prior to beginning a CAP flight check.
 - e. Contact an authorized CAP check pilot to schedule the flight check.

2. Preflight. At the time of the flight check:

a. The applicant shall:

- (1) Obtain a flight release for the flight check from a designated flight release officer and inform the check pilot of the release (the applicant is pilot-in-command unless specific circumstances dictate the check pilot function as such for a portion or all of the flight). (If the check pilot is to function as the pilot-in-command, the check pilot will obtain the flight release.)
 - (2) Wear an appropriate CAP uniform.
 - (3) Present the following items to the check pilot:
- (a) Completed and graded CAPF 5 written examination or evidence that it has been satisfactorily accomplished within the preceding 12 months.
 - **(b)** Completed aircraft questionnaires in accordance with 1.c. above.
 - (c) Partially completed (identifying data) CAPF 5.
 - (d) Valid FAA pilot certificate and current FAA medical certificate.
 - (e) Current CAP membership card. (Exception: CAP LOs are not required to have a membership card.)
 - (f) Aircraft log books (or other evidence to verify the airworthiness status) for the airplane used for the flight check.

b. The check pilot shall:

- (1) Verify both the applicant and check pilot wears an appropriate CAP uniform.
- (2) Obtain the following documents from the applicant:
- (a) A completed and graded CAPF 5 written examination, if applicable (see paragraph 3-5f).
- **(b)** CAPF 5 with identifying data entered.
- (c) Completed aircraft questionnaire(s).
- (d) Valid FAA pilot certificate and current FAA medical certificate.
- (e) Current CAP membership card. (Exception: CAP LOs are not required to have a membership card.)
- (2) Review the CAPF 5 written examination and discuss incorrect answers or obvious problem areas. For flight checks in a particular aircraft type, review the aircraft questionnaire and ensure the applicant has a thorough knowledge of the aircraft, it's operating limitations, procedures, performance, loading and systems.
- (3) Proceed with the flight check by accomplishing an oral review of those items on the CAPF 5 that cannot be accomplished in flight. The appropriate items shall be marked "V" to indicate verbal discussion.
- (4) Question the applicant on any material related to the flight check deemed necessary to determine the qualifications of the applicant.
 - (5) Verify the aircraft to be used is in an airworthy condition and that all required documents are in order.

3. In-Flight Evaluation.

- **a.** The applicant is usually pilot-in-command unless specific circumstances require the check pilot to function as such for a portion of the fight. Any such conditions will be clearly discussed and agreed to prior to conducting the flight check. If circumstances require the check pilot to assume command of the aircraft during the flight check to prevent a dangerous situation, the flight check shall be considered unsatisfactory and immediately terminated.
- **b.** The check pilot will observe the applicant accomplish requested flight maneuvers and demonstrations in accordance with the criteria contained in the appropriate FAA Pilot Practical Test Standards without assistance from the check pilot. The check pilot may exercise some discretion in providing limited instruction to correct minor deficiencies observed, however, such activity will be restricted to a few minor items. Numerous deficient areas and unfavorable trends are evidence of substandard pilot proficiency and will be considered evidence of unsatisfactory performance.
- c. For applicants holding an instrument rating or Airline Transport Pilot (ATP) certificate and desiring to exercise instrument privileges on CAP flight activities, the check pilot will observe the applicant demonstrate instrument proficiency during at least partial panel unusual attitude recovery, holding patterns, and at least one instrument approach. Additional demonstrations can be required by the check pilot if considered necessary to demonstrate an acceptable level of instrument proficiency. (This minimum instrument proficiency demonstration is NOT intended to satisfy the requirements for an instrument competency check.) A FAA recognized flight check requiring a demonstration of instrument competency within 180 days preceding the CAPF 5 flight check may satisfy the requirement.

4. Post-Flight - Review and Documentation.

- **a.** The check pilot shall:
 - (1) Review the applicant's performance during the flight check and discuss any comments or suggestions.
- (2) Complete the appropriate entries on the CAPF 5. Any notations or limitations should be entered in the remarks section. Once the check pilot indicates the flight check is begun, a completed CAPF 5 is required.
- (3) Return the completed CAPF 5, aircraft questionnaire (if applicable), and written examination (if applicable) to the applicant for copying and distribution as necessary.
- **b.** If the flight check is unsatisfactory, the applicant shall be informed as to the specific unsatisfactory items. These items shall be noted on the CAPF 5. The check pilot shall return all documents to the applicant. The applicant should be reminded that he/she is required to accomplish the recheck with the same check pilot unless that check pilot agrees to another. Advise the applicant what is necessary to prepare for retaking the flight check and make any necessary arrangements for scheduling it. Ensure the respective wing standardization/evaluation officer and the appropriate wing commander are notified of the failure.
- c. Applicants who believe improprieties existed in the administration of their flight check should contact their unit commander to discuss the matter. If the unit commander agrees that a complaint is justified, the standardization/evaluation officer of the wing in which the flight check was given is provided the necessary details concerning the complaint. The standardization/evaluation officer shall promptly investigate any such situations. A report to the unit commander relating the complaint will be provided within 10 days. The unit commander shall notify the applicant of the disposition of the complaint. The decision of the responsible wing standardization/evaluation officer regarding the proper conduct of a flight check is final.