Pil	ot's Name		
Med	ical Class	Medical Date	
Cer	tificate number	Class	
Rat:	ings	 	
Fly	ing time: total	last 90 days .	
Air	craft: Cessna 172M, Skyhawk	- 1976	
"Pi out the req	e: This is an open-book quiz lot's Operating Manual" cove in. Some questions will re pilot will have to reference uiring numbers, please use t the specific aircraft's flig	ering the specific air equire other sources of e, or be knowledgeable the units corresponding	rcraft being checked of information that le in. For answers ng to the units used
n 2) !	Multiple choice (choose the making sure each MAFC pilot (a) The FAA. (b) The MAFC Board of The flight instruct (d) Each pilot individut (e) None of the above. Tire inflation: mains: How do you tell if the nose	is safe? Prustees. For(s). Finally. For psi and nose:	psi.
4) 1	Engine make:	 Model:	
	Rated (sea-level) power:		
	Typical climb power setting:		•
	Usable fuel grades include _		color).
,		octane (
8) 1	Fuel: full: gal each		
	Oil capacity: quarts;		
	Normally we add 1 quart when		
	Max gross weight: lb		
	Compare this to a C-152 (16		
,	difference reflected in fly		
	-	J 1	±
12)	Useful load for this specif	fic airplane:	 lbs;
13)	Max load in the baggage com	npartment: lbs	•
14)	Stalling speed and max allo	wable speed versus fi	lap setting:
	(assuming gear down, max we	eight, unaccelerated :	flight)
no	flaps: zero deg; stall:	Kias; max:	Kias.
	1/3 flaps: deg; stal		max: Kias.
	2/3 flaps: deg; stal	.l: Kias;	
	full flans: deg. sta		mav· Kias

Note: in the following group, each question requires two answers. The answer in the left column applies when the airplane is at the max allowable weight. The answer in the right column applies when the airplane is "Lightly Loaded," (two pilots, flight cases) which is not explicitly covered in the POH.

Specify below your specific choices used to determine the "lightly loaded" aircraft.

		7+ mar resigne	Iiahtle Ioodod	
1 5 \	W. Doct Date of Climb.	_	Lightly Loaded	
	Vy Best Rate of Climb:		Kias Kias	
	Vx Best Angle of Climb:	Kias		
	Cruise climb:	Kias	Kias	
	Va Manuevering Speed:	Kias	Kias	
	Final approach (flaps)		Kias	
	Final appr. (no flaps)		Kias	
	Vfe Max Flaps Extended:	Kias	Kias	
,	Vne Never Exceed:	Kias	Kias	
	Vno Max structural cruise:		Kias	
	Stall (clean):	Kias	Kias	
	Vs0 Stall (landing config)		Kias	
	Best-angle glide:		Kias	
	Max demonstrated crosswind			
28)	What are the steps for prop	per use of the EGT	for leaning?	
29)	The highest altitude at whi	ich 75% power can b	e achieved at 2400 RPM	
	is ft.			
30)	Cruising at 75% power at 50	ising at 75% power at 5000 feet should produce Kias and		
	consume gph.			
31)	The electrical system uses	a volt batt	ery which charges at	
	volts.			
32)) The alternator is rated at amps and the battery is rated at			
	amp-hours.			
33)	The Pitot heat should be us	sed in the followin	g conditions:	
34)	What is the after-takeoff of	checklist?		
35)	5) Procedure to activate the "nearest airport" feature of the Garmin			
	GPS:			
36)	Emergency airspeeds:			
	a) Best-angle glide:	Kias		
	b) Expeditious descent:			
	configuration.			
	c) Emergency landing (s	short final):	Kias	
37)	The most common cause of en			

38)	Cabin air is turned off by:
	In case of engine failure during flight:
40)	Procedure for power-off landing:
41)	In case of engine fire in flight:
42)	In case of electrical fire in flight:
43)	In case of alternator failure:
44)	In case of unlatched door in flight:
45)	Procedure for spin recovery:
46)	is to 1, which will take you to a point degrees below
47)	the horizon. List below your personal minimums for flight and discuss them with your instructor. These minimums should include the items below but may also include additional parameters for flight.
	ling & Visibility,, face Winds & Crosswind,,
Wind	ds Aloft & Temperature,,
	How have these personal minimums changed as you log more flight time?
Cro	oss Country Planning
Pilo #2: sett PA.	remaining questions are based on the following takeoff scenario: ot: 200 lbs.; Copilot: 200 lbs.; Passenger #1: 170 lbs.; Passenger 170 lbs.; Baggage: 50 lbs. Wind: Calm. Temperature: 80 F. Altimeter ting: 29.92. Departing from: Spring Hill Airport (70N) / Sterling Cruise Altitude: 6500ft; Cruise Power: 65%; Mission requirement:
	imum range - VFR. Optimum amount of fuel on board: gal.
49) 50)	Takeoff flap setting: degrees. Expected takeoff ground roll: feet, at which point you should have an airspeed of at least Kias.
51)	Procedure in case you have not achieved that speed by that point:

52) Approximate margin for error in that case: feet of runway
length, which corresponds to seconds of reaction time.
53) In the case where you do get proper takeoff performance, the
distance required to clear a 50-foot obstacle is: feet.
54) Maximum distance of flight assuming a wind of 0 kts
55) Maximum distance of flight assuming a headwind of 30kts.
Practical and Oral Examination
Knowledge Of Pilot's Handbook
Knowledge Of Operating Limitations
Knowledge Of Fuel, Electrical, And Hydraulic Systems
Knowledge Of Weight And Balance Computations
Knowledge Of Emergency Procedures
Knowledge Of Radio Procedures And Phraseology
Knowledge Of Radio Equipment
Knowledge Of Federal Aviation Regulation Part 91
Knowledge Of Local Flying Regulations
Knowledge Of Weather Facilities & Weather Reports
Practice Area & Airports To Be Used
Checked Out For:
Local Flights
Cross Country Flight
Night Flight
IFR Flight Other
irk riight other
Check-Out completed by:
Instructor
Date